PHASE 2 TASK COMPLETION REPORT FOR 2008 CONSTRUCTION SEASON

RICHARDSON FLAT TAILINGS SITE

EPA SITE ID: UT980952840

October 30, 2008

Prepared for:

United Park City Mines P.O. Box 1450 Park City, UT 84060

Prepared by:

Resource Environmental Management Consultants d.b.a. RMC 8138 South State Street, Suite 2A Midvale, Utah 84047

> Phone: (801) 255-2626 Fax: (801) 255-3266

PHASE 2 TASK COMPLETION REPORT FOR 2008 CONSTRUCTION SEASON

RICHARDSON FLAT TAILINGS SITE

EPA SITE ID: UT980952840

October 30, 2008

Prepared for:

United Park City Mines P.O. Box 1450 Park City, UT 84060

Janua & took

Prepared by:_	Jim Fricke	Date:	10-30-08
	Resource Management Consultants		
Reviewed by:	Kerry Gee United Park City Mines Company	Date:	
Reviewed by:	Kathryn Hernandez USEPA Remedial Project Manager	Date:	
Reviewed by:	Mo Slam	Date:	
	State of Utah, Department of Environmen	tal Respo	nse and Remediation

Table of Cont	tents
LIST OF FIGURE	RES
	ES
LIST OF APPE	NDICES1
1.0 INTRODU	JCTION
	Performed Soil Specifications 1 2
2.0 WORK PI	ROCEDURES3
2.2 COVER I 2.3 WETLAN	## REMOVAL
3.0 STORMW	ATER MANAGEMENT
4.0 COMPLE	TION CONFIRMATION 11
	3-2-E, B-3-E AND SOUTH DIVERSION DITCH
	8
	rea B-2-E
4.3.2 A	rea B-3-E
	DD
	THICKNESS CONFIRMATION
	SAMPLING
	NITORING. 14
5.0 REFEREN	NCES
List of Figure	es
Figure 1-1	Phase 2 2008 Completed Remedial Features
Figure 2-1	Cover and Channel Details
Figure 4-1	Sample Locations (Sheets 1 and 2)
List of Tables	
Table 1	Source Removal Confirmation Sample Results
Table 2	Cover Depth Confirmation Sample Results
Table 3	Imported Soil Sample Results
Table 4	QA/QC Sample Results
Table 5	Air Monitoring Results

List of Appendices

Appendix A Analytical Laboratory Reports

1.0 INTRODUCTION

This Task Completion Report (TCR) details the work completed for the Phase 2 2008 Construction Season at Richardson Flat, ID UT980952840, located approximately three miles northeast of Park City, Utah. Phase 2 remedial features are presented in Figure 1-1. The remedy selected by United States Environmental Protection Agency (EPA) at the Richardson Flat Tailings Site (Site) was split into Tasks to facilitate remedy completion and bond release procedures. Phase 2 activities encompass Tasks 2, 3, 4 and 9 as presented in the Remedial Design and Remedial Action Work Plan (RD/RA, RMC 2007a).

Construction procedures and methodologies documented in this report were described in the Phase 2 Field Construction Plan for 2008 Construction Season (Phase 2 FCP, RMC, 2007b) which was approved by EPA on September 29, 2008. A full description of Site background, investigative history, specifications, health and safety, design elements, project management and construction procedures are presented in the RD/RA. Sampling was conducted in accordance with the Field Sampling Plan (FSP, RMC 2007c). All work was conducted in accordance with the Richardson Flat Health and Safety Policy (HASP, RMC 2007d)

1.1 Work Performed

Work performed in the Phase 2 2008 Construction included:

Task 2, Area B-2-E:

- Source removal approximately 54,500 cubic yards of contaminated material were removed;
- 2) Grading and confirmation sampling approximately 6,500 cubic yards was moved in the grading operation; and

3) Wetland construction. (Figure 1-1).

Task 3, Area B-3-E:

- 1) Source removal approximately 64,400 cubic yards of contaminated material were removed;
- 2) Cover placement approximately 30,300 cubic yards of fill and cover were placed;
- 3) Grading and confirmation sampling; and
- 4) Wetland construction. (Figure 1-1).

Task 4, East Diversion Ditch

- 1) Source removal source removal occurred in conjunction with removal efforts in B-3-E noted above;
- 2) Stream sediment removal volumes of stream sediment removed are included in source removal volumes reported for B-3-E above;
- 3) Grading and confirmation sampling; and
- 4) Wetland construction. (Figure 1-1).

Task 9, Area F-8:

- 1) Cover placement approximately 47,000 cubic yards of cover and topsoil were placed to a depth greater than 18 inches;
- 2) Grading and confirmation sampling; and
- 3) Wetland feature construction. (Figure 1-1).

1.1.1 Imported Soil Specifications

As required in the RD/RA work plan, cover and topsoil placed in upland areas contained less than 500 parts per million (ppm) lead and 100 ppm arsenic and topsoil placed in wetland areas, including the South Diversion Ditch, contained less than 310 ppm lead. Imported soil sample results are presented in Section 4.0 and Table 3.0.

2.0 WORK PROCEDURES

Work was conducted according to procedures presented in the Phase 2 Field Construction Plan for the 2008 Construction Season.

2.1 Source Removal

Work activities in area B-2-E, B-3-E, and the South Diversion Ditch (Figure 1-1) consisted of :

- Source removal;
- Placement and grading of low permeability cover soil, where required;
- Placement of topsoil, where required;
- Channel reconstruction, where required;
- Wetland construction, where required; and
- Revegetation.

This work was conducted as specified in Section 6.0 of the RD/RA. The following work procedures were conducted:

- Excavation and construction areas were cleared and grubbed prior to the placement of materials. Clearing and grubbing included the removal of organic matter such as plants, trees and woody material, as well as any other material from the Site. Large non-organic materials such as boulders that interfered with grading were removed as required.
- 2) Appropriate dust control was conducted during all excavation, soil placement, transport and grading activities.
- 3) Air monitoring was undertaken during earthmoving activities, in accordance with procedures outlined in Section 11.1.1 or the RD/RA and Section 4.4.5 of the FSP. Air monitoring results are presented in Table 5.

- 4) Visible tailings materials were excavated from low-lying areas subject to seasonal ponding or interaction with shallow groundwater. Excavation extended to the visual interface between the tailings and native soils. Tailings excavation was guided using a field portable X-ray Fluorescence Meter (XRF). Excavation and transport was staged to avoid the re-contamination of clean areas.
- 5) Where mine waste was transported to and placed in the Impoundment, the material was graded to conform to general site topography prior to the placement of cover soils.
- 6) Surfaces and subgrades were graded to approximate final configurations and contours prior to cover and topsoil placement, if required. Subgrades and final graded surfaces were confirmed by conventional survey techniques where applicable.
- 7) Imported soils were screened with the XRF. A five sub-sample composite was collected for every 5,000 cyds and screened with the XRF. Greater than five-percent of the composite samples were submitted to the laboratory to confirm XRF results. All imported soil met the specifications in Section 1.1.1. Sampling protocol and analytical methodologies are described in the Field Sampling Plan (FSP, RMC, 2007b). Imported soil XRF sample results are presented in Table 3. Lab-XRF QA/QC results are presented in Table 4.
- 8) Cover soils selected for use at the Site were low permeability, high clay content soils typical of those found in the region. Large rock material was avoided. Clay rich soils located on-site were used as cover material using the same criteria outlined in Section 6.1 of the RD/RA for quality control.
- 9) Cover soils placed at the Site were compacted with tracked or equivalent equipment.

 Compaction methods also included rolling and/or vibrating, as necessary. Cover soils

were inspected and approved by United Park or its representatives prior to topsoil placement.

10) The final cover subgrade surface was uniform to allow for the placement of a consistent topsoil layer.

Note: Items 11 through 13 are referred to as General Topsoil Procedures.

- 11) Final surfaces, grades and erosion control structures were approved by United Park or its representative.
- 12) Topsoil was screened to remove particles greater than six inches and was suitable to support vegetation. Topsoil was placed to a minimum depth of six inches and contained sufficient organic matter and nutrients to promote revegetation.
- 13) The seedbed consisted of topsoil placed during remedial activities. Topsoil was lightly compacted and scarified. The seedbed was roughened prior to seeding.
- 14) Wetland construction consisted of additional grading and the construction of habitat features. Areas were excavated into the shallow water table to provide additional aquatic habitat. Wetland construction is discussed further in Section 2.3. Wetland construction in areas B-2-E, B-3-E and the South Diversion Ditch (Figure 1-1) was conducted to provide additional wetland habitat and to provide compensation for potential Natural Resource Damages.
- 15) Revegetative seeding and related activities were completed on all remediated areas (upland and wetland).
- 16) The upland seed mix included a mixture of deep-rooted annual and perennial native grass and forb species. The annual species provide rapid germination to aid in short term revegetation. The short-term revegetation will decrease the runoff potential of

the slope and will keep the imported soil in place. Perennial species will provide longer term, more stable revegetation. Wetland areas were revegetated with wetland specific species. Appendix C of the RD/RA contains the seed specifications for the Site.

17) Completion confirmation sampling is detailed in Section 4.0.

2.2 Cover placement in Area F-8

Work activities in area F-8 (Figure 1-1) consisted of

- Cover placement;
- Grading;
- Topsoil placement;
- Confirmation sampling;
- Wetland feature construction; and
- Revegetation.

This work was conducted as specified in Section 6.0 of the RD/RA. The following work procedures were conducted:

- Dust control measures were implemented during all excavation, soil placement, transport and grading activities. Dust control measures consisted primarily of wetting work surfaces and haul roads.
- 2) Surfaces and subgrades were graded to approximate final configurations and contours prior to cover and topsoil placement. Subgrades and final graded surfaces were confirmed by conventional survey techniques where applicable.
- 3) Imported soils were screened with the X-ray Fluorescence meter (XRF). In addition, five sub-sample composite samples were collected for every 5,000 cyds and sampled with the XRF. Five percent of XRF-sampled imported soil samples were submitted

to the laboratory for QA/QC lead and arsenic analysis. All imported soil met the specifications in Section 1.1.1. Sampling was conducted in accordance with protocols and analytical methodologies as described in the FSP. Sample results are presented in Section 4.0. Imported soil XRF sample results are presented in Table 3. Lab-XRF QA/QC results are presented in Table 4.

- 4) Cover soils selected for use at the Site were low permeability, high clay content soils typical of those found in the region. Large rock material was removed prior to placement. Clay rich soils from an on-Site stockpile were used as cover material using the same criteria outlined in Section 6.1 of the RD/RA and Section 2.2 of the Phase 2 FCP for quality control.
- 5) Cover soils placed at the Site were compacted with tracked or equivalent equipment. Compaction methods also included rolling and/or vibrating, as necessary. Cover soils were inspected and approved by United Park or its representatives prior to topsoil placement.
- 6) The final cover subgrade was graded to allow for the placement of a consistent topsoil layer.
- 7) Final surfaces, grades and erosion control structures were approved by United Park or its representative.
- 8) Completion confirmation sampling is detailed in Section 4.0.
- 9) Topsoil was screened to remove particles greater than six inches and was suitable to support vegetation. Topsoil was placed to a minimum depth of six inches and contained sufficient organic matter and nutrients to promote revegetation.
- 10) The seedbed consisted of topsoil placed during remedial activities. Topsoil was lightly compacted and scarified. The seedbed was roughened prior to seeding.

- 11) Wetland construction consisted of additional grading and the construction of habitat features. Wetland construction is discussed further in Section 2.3. Wetland construction in area F-8 (Figure 1-1) was conducted to provide additional wetland habitat and to provide Natural Resource Damage offsets if any.
- 12) Revegetative seeding and related activities were completed on all remediated areas (upland and wetland).
- 13) The upland seed mix included a mixture of deep-rooted annual and perennial native grass and forb species. The annual species provide rapid germination to aid in short term revegetation. The short-term revegetation will decrease the runoff potential of the slope and will keep the imported soil in place. Perennial species will provide longer term, more stable revegetation. Wetland areas were revegetated with wetland specific species. Appendix C of the RD/RA contains the seed specifications for the Site.

2.3 Wetland Construction

Wetland construction in areas B-2-E, B-3-E, F-8 and the South Diversion Ditch (Figure 1-1) was conducted to provide additional wetland habitat and to provide compensation to any potential Natural Resource Damages. Constructed wetland features included:

- Habitat islands;
- Excavation and grading to provide open water habitat;
- Transitional shoreline areas;
- Flow direction structures including dikes and swales;
- Topsoil placement; and
- Revegetation with wetland specific seed mix and plant species.

All wetland construction procedures were conducted in accordance with the procedures described in Section 2.1. All materials used in wetland construction meet the specifications described in Section 1.1.1 and Section 6.0 of the RD/RA.

3.0 STORMWATER MANAGEMENT

Stormwater management was undertaken to:

- Reduce the potential for off-Site migration of sediments, soil and tailings; and
- Eliminate the re-contamination of areas that have been covered or have undergone source removal.

General stormwater management elements included:

- Berms, wattle and/or silt fencing was placed as required to prevent the migration of materials from work areas;
- Sediment barriers and berms were placed in the South Diversion Ditch to capture sediment and prevent downstream migration.
- Hay or straw bale barriers were placed in appropriate ephemeral channel features that drain from work areas. The hay bales were placed downgradient from the silt fence or wattle barriers;
- A supply of hay or straw bales and wattle material was stored on-site during construction; and
- Stormwater runoff protection measures will remain in-place until revegetation efforts are complete.

General procedures to reduce the tracking of contaminated materials into uncontaminated areas included:

 All trucks and equipment working in contaminated materials (e.g. tailings and sediments) were decontaminated prior to working with clean materials.
 Decontamination procedures are described in Section 11.8 of the RD/RA;

- A stabilized construction entrance was used to remove gross contamination from trucks hauling tailings;
- All trucks and equipment were decontaminated prior to leaving the Site; and
- Dust control measures were implemented as necessary as described in Section 11.1.1 of the RD/RA.

Specific stormwater runoff protection elements implemented prior to and during construction included:

- The general drainage pattern in area B-2-E forms a closed basin. The inward sloping terrain created a suitable gradient to ensure that all stormwater was captured in the work area prior to discharge. The area contains one drainage point, a culvert located beneath the elevated county road that is at a greater elevation than the adjacent work area. Sediment trapping structures included a sediment basin upgradient from the culvert. The elevated height of the culvert combined with the sediment basin provided an effective barrier to sediment discharge.
- The general drainage pattern in area B-3-E forms a closed basin. The inward sloping terrain created a suitable gradient to ensure that all stormwater was captured in the work area prior to discharge. The area contains one drainage point, a culvert located beneath the elevated historical railroad grade that is at a greater elevation than the adjacent work area. The elevated height of the culvert provided an effective barrier to sediment discharge.
- Work areas in the SDD were isolated with a series of berms constructed from clean soil. Surface water was pumped from each area prior to and during excavation.
- Area F-8 is located in the geometrically closed tailings impoundment. The closed nature of the impoundment prevented the runoff of stormwater and sediment to other areas.

4.0 COMPLETION CONFIRMATION

Completion of work is based upon confirmation that the following Phase 2 2008 Construction Season Completion Milestones are complete:

- 1) Source removal is complete in Areas B-2-E, B-3-E and the east portion of the South Diversion Ditch;
- 2) Cover placement is complete in Area F-8;
- 3) Cover placement is complete on the rail grade portion of B-3-E;
- 4) Reclamation (surface grading and drainage control) is complete;
- 5) Wetland construction is complete; and
- 6) Confirmation samples verify source removal and cover installation meets specifications.

4.1 Areas B-2-E, B-3-E and South Diversion Ditch

Source removal in these areas was confirmed using the following methodology:

- Confirmation sampling for lead and arsenic in upland areas.
- Confirmation sampling for lead in wetland areas.

Cover placement on the rail grade located in Area B-3-E was confirmed using the following methodology:

 Cover thickness confirmation sampling for lead and arsenic concentrations up to a depth of eighteen inches.

Confirmation data was collected on a grid located on 200-foot centers. The South Diversion Ditch was sampled on 100-foot centers. Sample locations are presented on Figure 4-1. Source removal confirmation results are presented in Table 1. Cover depth confirmation sample results are presented in Table 2.

4.2 Area F-8

Cover placement in Area F-8 was confirmed using the following methodology:

 Cover thickness confirmation sampling for lead concentrations up to a depth of eighteen inches.

4.3 Source Removal Confirmation

Source removal confirmation requirements are set forth in Sections 1.1 and 3.0 of the Field Sampling Plan (FSP, RMC, 2007c). Source removal confirmation samples were collected at forty-six locations. Samples were analyzed with the XRF. Five percent of XRF-sampled confirmation samples were submitted to the laboratory for QA/QC analysis. Source removal confirmation results are presented in Table 1. QA/QC sample results are presented in Table 4. The sampling results meet applicable standards and requirements for source removal.

4.3.1 Area B-2-E

As provided in the RD/RA, (RMC 2007a), lead concentrations for source removal in Area B-2-E were set at 500 parts per million (ppm) for soils and 310 ppm for sediments. Average lead concentrations for all source removal confirmation samples in Area B-2-E were 118.8 ppm. Lead concentrations ranged from 56 to 254 ppm, arsenic concentrations ranged from BDL to 63 ppm. Source removal sample results from this area are presented on Table 1. Source removal sample locations are presented on Figure 4-1.

4.3.2 Area B-3-E

As provided in the RD/RA, (RMC 2007a), lead concentrations for source removal in Area B-3-E were set at 500 ppm for soils and 310 ppm for sediments. Average lead concentrations for all source removal confirmation samples in Area B-3-E were 93.0

ppm. Lead concentrations ranged from 39 to 119 ppm. Source removal sample results from this area are presented on Table 1. Cover depth confirmation samples are presented in Table 2. Sample locations are presented on Figure 4-1.

4.3.3 SDD

As provided in the RD/RA, (RMC 2007a), lead concentrations for source removal in the South Diversion Ditch (SDD) were set at were set at 500 ppm for soils and 310 ppm for sediments. Average lead concentrations for all source removal confirmation samples in the SDD were 129.1 ppm. Lead concentrations ranged from 31 to 278 ppm. Source removal sample results for this area are presented on Table 1. Source removal sample locations are presented on Figure 4-1.

4.4 Cover Thickness Confirmation

As provided in the RD/RA, (RMC 2007a), minimum depths for cover materials were to be confirmed by methods described in the FSP (RMC, 2007c). In accordance with these verification standards, the thickness of clean cover was measured at seven locations in B-3-E and twenty locations in F-8. Cover sample depths and XRF results are presented are presented in Table 2. The results indicate that cover placement is complete and all areas measured contain at least eighteen inches of cover as specified in the RD/RA and Phase 2 FCP.

4.5 Imported Soil Sampling

As provided in the RD/RA, (RMC 2007a), imported soils were to be screened by using the procedures described in the FSP (RMC, 2007c). In accordance with these standards, imported soil sources were screened with the XRF; in addition, five sub-sample composite samples were collected for every 5,000 cyds of imported soil. Sixteen imported soil samples were sampled with the XRF and five imported soil samples were submitted to the laboratory for lead and arsenic analysis. Imported soil sample results are

presented in Table 3. All cover and topsoil used in upland areas contained less than 500 ppm lead and 100 ppm arsenic. All cover and topsoil used in wetland areas contained less than 310 ppm lead. Sampling was conducted in accordance with protocols and analytical methodologies as described in the FCP and FSP.

4.6 QA/QC Sampling

In accordance with the QA/QC Plan presented in the FSP (RMC, 2007c), four of forty-six source removal confirmation samples were submitted to American West Analytical Laboratories for XRF-Lab confirmation. Duplicate laboratory samples were also submitted. This exceeds the five-percent QA/QC criteria specified in the FSP. The laboratory samples contained 8.7-160 ppm lead. Relative percent differences for XRF and laboratory results ranged from 24.3% to 112.3% for lead. The high RPD values are related to the low metals concentrations in the soil samples analyzed, a small difference in low concentrations will lead to a high RPD. QA/QC sample results are presented in Table 4.

Four duplicate soil samples were submitted to American West Analytical Laboratories for QA/QC. Analytical laboratory lead concentrations ranged from 6.3 to 160 ppm. Relative percent differences for duplicate samples ranged from 7.4% to 107.7%. The high RPD values are related to the low metals concentrations in the soil samples analyzed, a small difference in low concentrations will lead to a high RPD. QA/QC sample results are presented in Table 4.

4.7 Air Monitoring

In accordance with Section 4.4.5 of the FSP (RMC, 2007c), six air samples were collected from site workers. Lead concentrations ranged from 0.146 ug/m3 to 5.455 ug/m3 with an average concentration of 1.1 ug/m3. These levels are significantly below the OSHA Action Level and PEL for lead of 30 ug/m3 and 50 ug/m3, respectively. Six offsite ambient air samples were also collected upwind and downwind of the Site, in

accordance with Section 4.4.5 of the FSP (RMC, 2007c). Lead concentrations ranged from <0.074 ug/m3 to 1.7 ug/m3 with an average concentration of 0.4 ug/m3. These levels are significantly below the National Ambient Air Quality Standard for lead of 2.5 ug/m3.

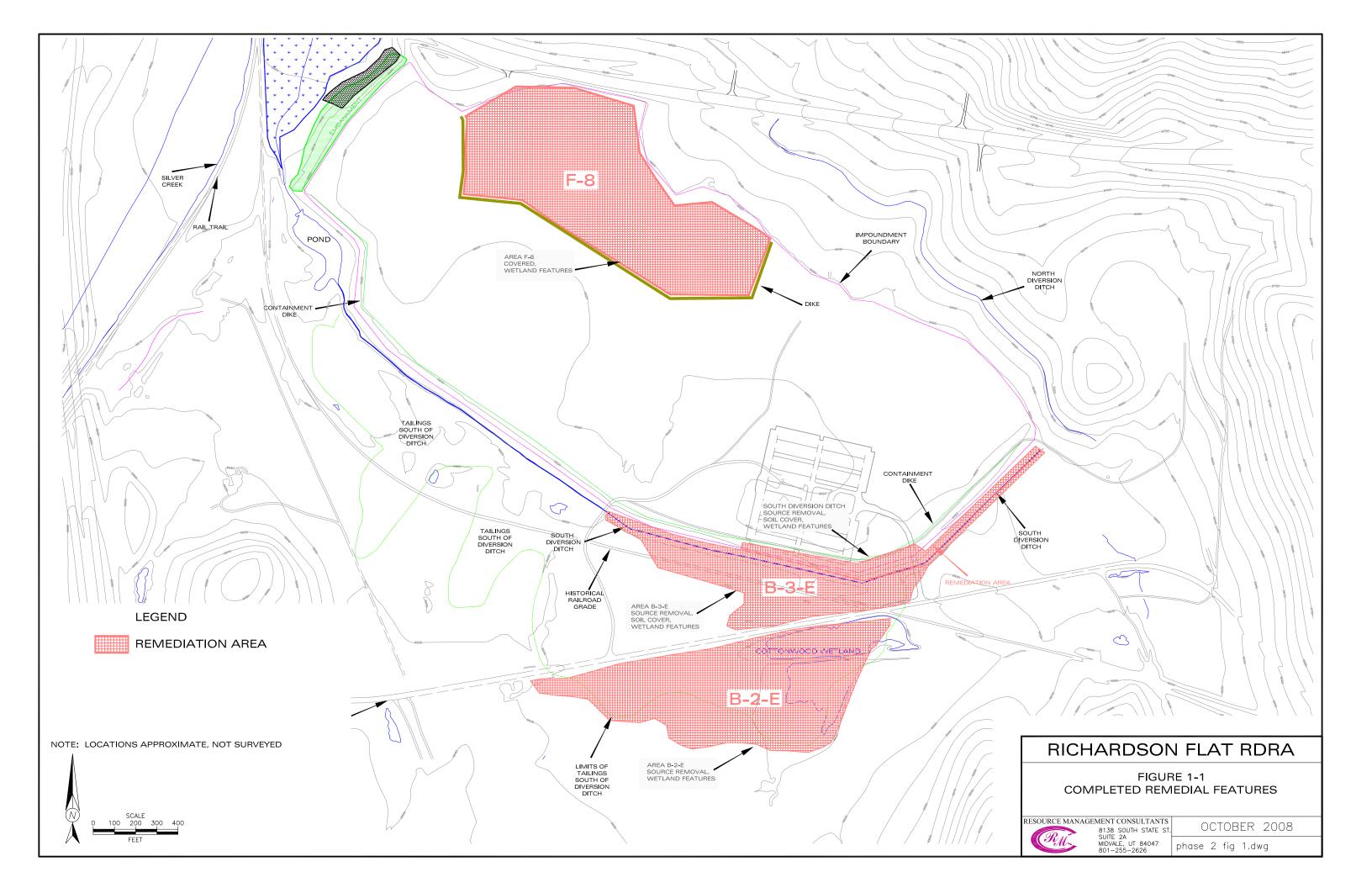
5.0 REFERENCES

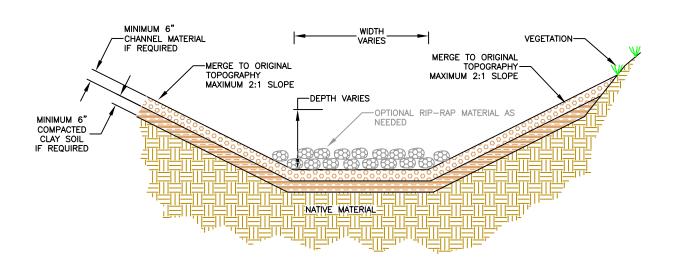
Resource Management Consultants, Inc (RMC), 2007a, Remedial Design/Remedial Action Plan (RD/RA), Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

Resource Management Consultants, Inc (RMC), 2007b, Phase 2 Field Construction Plan for 2008 Construction Season, Richardson Flat, Site ID Number: UT980952840.

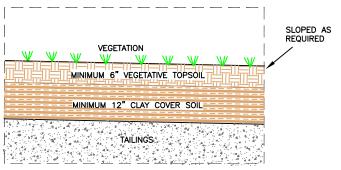
Resource Management Consultants, Inc (RMC), 2007c, Field Sampling Plan, Remedial Investigation, Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

Resource Management Consultants, Inc (RMC), 2007c, Health and Safety Policy, Remedial Investigation, Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

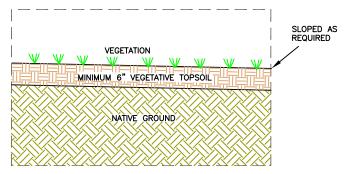




CHANNEL CONSTRUCTION TYPICAL DETAILS



COVER SOIL TYPICAL DETAILS



TOPSOIL TYPICAL DETAILS

RICHARDSON FLAT RDRA

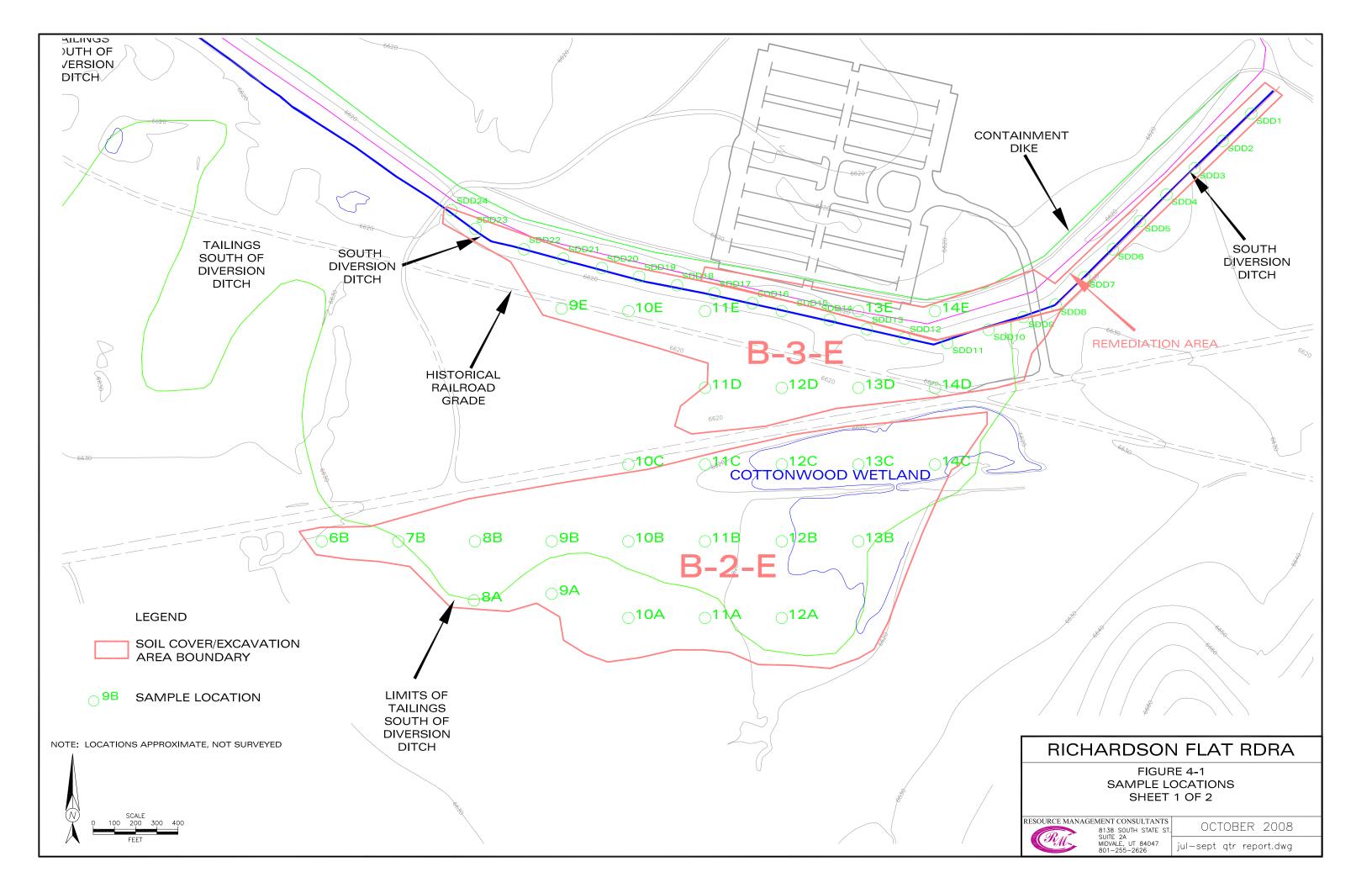
FIGURE 2-1 CHANNEL AND SOIL COVER TYPICALS

RESOURCE MANAGEMENT CONSULTANTS 8138 SOUTH STATE ST. SUITE 2A MIDVALE, UT 84047 801-255-2626

OCTOBER 2008

NOT TO SCALE

phase 2 tcr fig 2-1.dwg



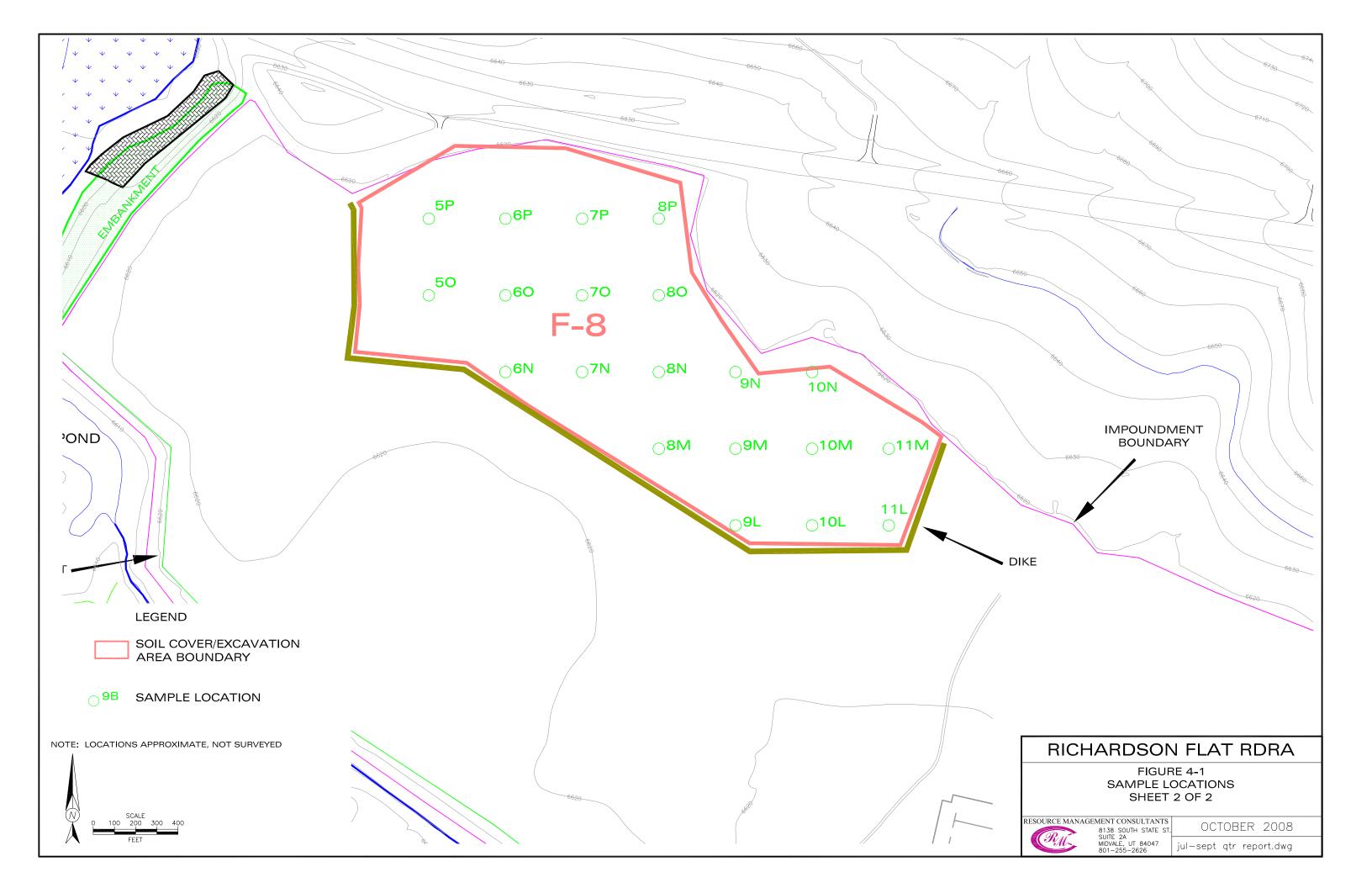


Table 1 - Source Removal Confirmation Sample Results

All Results ppm

B-2-E

Date	Sample ID	Pb	Method
8-Sep-08	SL-8A	168	XRF
8-Sep-08	SL-9A	72	XRF
8-Sep-08	SL-10A	60	XRF
8-Sep-08	SL-11A	95	XRF
8-Sep-08	SL-12A	71	XRF
8-Sep-08	SL-6B	254	XRF
8-Sep-08	SL-7B	66	XRF
8-Sep-08	SL-8B	99	XRF
8-Sep-08	SL-9B	178	XRF
8-Sep-08	SL-10B	207	XRF
8-Sep-08	SL-11B	56	XRF
8-Sep-08	SL-12B	105	XRF
8-Sep-08	SL-13B	63	XRF
8-Sep-08	SL-10C	194	XRF
8-Sep-08	SL-11C	126	XRF
8-Sep-08	SL-12C	152	XRF
8-Sep-08	SL-13C	61	XRF
8-Sep-08	SL-14C	112	XRF
	Range:		
	Mean:	118.8	

B-3-E

Date	Sample ID	Pb	Method
8-Sep-08	SL-11D	107	XRF
8-Sep-08	SL-12D	39	XRF
8-Sep-08	SL-13D	119	XRF
30-Sep-08	SL-13E	107	XRF
	Range:	39-119	
	Mean:	93.0	

All units Parts Per Milliom (PPM)

SDD

Date	Sample ID	Pb	Method
23-Sep-08	SDD-1	61	XRF
23-Sep-08	SDD-2	256	XRF
23-Sep-08	SDD-3	225	XRF
23-Sep-08	SDD-4	278	XRF
23-Sep-08	SDD-5	211	XRF
23-Sep-08	SDD-6	159	XRF
23-Sep-08	SDD-7	93	XRF
23-Sep-08	SDD-8	165	XRF
23-Sep-08	SDD-9	68	XRF
25-Sep-08	SDD-10	182	XRF
25-Sep-08	SDD-11	61	XRF
26-Sep-08	SDD-12	76	XRF
26-Sep-08	SDD-13	210	XRF
1-Oct-08	SDD-14	82	XRF
1-Oct-08	SDD-15	94	XRF
1-Oct-08	SDD-16	113	XRF
2-Oct-08	SDD-17	97	XRF
2-Oct-08	SDD-18	85	XRF
3-Oct-08	SDD-19	73	XRF
3-Oct-08	SDD-20	191	XRF
7-Oct-08	SDD-21	57	XRF
7-Oct-08	SDD-22	36	XRF
7-Oct-08	SDD-23	194	XRF
7-Oct-08	SDD-24	31	XRF
	Danga	24 270	

Range: 31-278 Mean: 129.1

Table 2 - Cover Depth Confirmation Sample Results

F8					
Date	Sample ID	Sample Depth	Pb	As	Method
15-Nov-07	5P	6"	56	BDL	XRF
10 1101 01	0.	12"	75	BDL	XRF
		18"	56	BDL	XRF
9-Oct-08	50	6"	81	BDL	XRF
		12"	82	BDL	XRF
		18"	69	BDL	XRF
15-Nov-07	6P	6"	42	BDL	XRF
		12"	70	BDL	XRF
		18"	62	BDL	XRF
9-Oct-08	6O	6"	71	BDL	XRF
		12"	76	BDL	XRF
		18"	89	BDL	XRF
9-Oct-08	6N	6"	86	BDL	XRF
		12"	60	BDL	XRF
		18"	59	BDL	XRF
15-Nov-07	7P	6"	150	BDL	XRF
		12"	64	BDL	XRF
		18"	71	BDL	XRF
15-Nov-07	70	6"	70	BDL	XRF
		12"	92	BDL	XRF
		18"	80	BDL	XRF
9-Oct-08	7N	6"	58	BDL	XRF
		12"	76	BDL	XRF
		18"	88	BDL	XRF
9-Oct-08	8P	6"	90	BDL	XRF
		12"	68	BDL	XRF
		18"	74	BDL	XRF
9-Oct-08	80	6"	69	BDL	XRF
		12"	52	BDL	XRF
		18"	184	BDL	XRF
9-Oct-08	8N	6"	60	BDL	XRF
		12"	51	BDL	XRF
		18"	66	BDL	XRF
9-Oct-08	8M	6"	103	BDL	XRF
		12"	93	BDL	XRF
		18"	78	BDL	XRF
9-Oct-08	9N	6"	98	BDL	XRF
		12"	54	BDL	XRF
		18"	81	BDL	XRF
9-Oct-08	9M	6"	62	BDL	XRF
		12"	81	BDL	XRF
		18"	69	BDL	XRF
9-Oct-08	9L	6"	68	BDL	XRF
		12"	42	BDL	XRF
		18"	54	BDL	XRF
9-Oct-08	10N	6"	54	BDL	XRF
		12"	63	BDL	XRF
		18"	76	BDL	XRF
9-Oct-08	10M	6"	86	BDL	XRF
		12"	79	BDL	XRF
		18"	87	BDL	XRF
9-Oct-08	10L	6"	58	BDL	XRF
		12"	70	BDL	XRF
		18"	55	BDL	XRF
9-Oct-08	11M	6"	78	BDL	XRF
		12"	102	BDL	XRF
		18"	78	BDL	XRF
9-Oct-08	11L	6"	60	BDL	XRF
		12"	60	BDL	XRF
	-	18"	68	BDL	XRF
	Range:	42-184			
	Mean:	74.2	i		

All units Part Per Million (PPM) BDL - Below instrument detection limit

B-3-E

Date	Sample ID	Sample Depth	Pb	As	Method
19-Sep-08	14D-2	6"	145	BDL	XRF
-		12"	60	BDL	XRF
		18"	67	BDL	XRF
19-Sep-08	13D-2	6"	116	BDL	XRF
		12"	141	BDL	XRF
		18"	100	BDL	XRF
19-Sep-08	14D	6"	84	BDL	XRF
		12"	112	BDL	XRF
		18"	130	BDL	XRF
23-Sep-08	9E	6"	156	BDL	XRF
		12"	87	BDL	XRF
		18"	256	BDL	XRF
29-Sep-08	10E	6"	98	BDL	XRF
		12"	80	BDL	XRF
		18"	132	BDL	XRF
29-Sep-08	11E	6"	183	BDL	XRF
		12"	98	BDL	XRF
		18"	87	BDL	XRF
30-Sep-08	14E	6"	234	BDL	XRF
		12"	349	BDL	XRF
		18"	115	BDL	XRF
	Range:	60-349			·
	Mean:	134.8			

Table 3 - Imported Soil Confirmation Sample Results

All Results ppm

Laboratory

Date	Sample ID	Pb	As
8-Jul-08	CV-RFT-Topsoil Promentory	13	<5.3
8-Jul-08	CV-RFT-West Hospital	16	<5.6
8-Jul-08	CV-RFT-East Hospital	7.5	<5.4
14-Aug-08	CV-RFT-West Cover Import	21	7.3
14-Aug-08	CV-RFT-East Cover Import	9.3	<5.5
	Range:	7.5-21	
	Mean:	13.4	

XRF

Date	Sample ID	Pb	As
9-Jul-08	1	136	BDL
9-Jul-08	2	131	BDL
9-Jul-08	3	173	BDL
27-Aug-08	1	BDL	BDL
27-Aug-08	2	BDL	BDL
27-Aug-08	3	BDL	BDL
27-Aug-08	4	106	BDL
23-Sep-08	1	156	BDL
23-Sep-08	2	189	BDL
23-Sep-08	3	116	BDL
23-Sep-08	Screen fines 1	89	BDL
23-Sep-08	Screen fines 1	55	BDL
23-Sep-08	Screen fines 1	63	BDL
23-Sep-08	Topsoil 1	97	BDL
23-Sep-08	Topsoil 2	82	BDL
23-Sep-08	Topsoil 3	116	BDL
	Range:	BDL-189.1	

 Range:
 BDL-189.1

 Mean (1):
 103.8

BDL - Below instrument detection limit

(1) 50 ppm was used to calculate mean in BDL samples

Table 4 - QA/QC Sample Results

All Results ppm

XRF-Lab

RPD (%)	73.7
SL-12D (Lab)	18
SL-12D (XRF)	39
Sample ID	Pb

RPD (%)	39.7
SL-13E (Lab)	160
SL-13E (XRF)	107
Sample ID	Pb

Sample ID	Pb
SD-SDD-12 (XRF)	76
SD-SDD-12 (Lab)	97
RPD (%)	24.3

Sample ID	Pb
SD-SDD-24 (XRF)	31
SD-SDD-24 (Lab)	8.7
RPD (%)	112.3

Duplicates

RPD (%)	9.5
SD-SDD-506	110
SD-SDD-6	100
Sample ID	Pb

Sample ID	Pb
SD-SDD-9	14
SD-SDD-509	13
RPD (%)	7.4

RPD (%)	107.7
SL-5013E	48
SL-13E	160
Sample ID	Pb

Sample ID	Pb
SD-SDD-24	8.7
SD-SDD-5024	6.3
RPD (%)	32.0

Table 5 - Air Monitoring Sample Results

All Results ppm

DATE	SAMPLE ID	LEAD mg/ SAMPLE							LEAD ug/m3	LEAD PEL (ug/m3)	NAAQS (ug/m3)	Air Volume L	NOTES
18-Jun-08	RFT-1	<	0.00005	<	0.074	NA	2.5	674	Upwind Sample				
18-Jun-08	RFT-2		0.0001		0.146	50	NA	684	Site Worker Personal Sample				
18-Jun-08	RFT-3		0.00011		0.159	50	NA	694	Site Worker Personal Sample				
18-Jun-08	RFT-4		0.000063		0.103	NA	2.5	610	Downwind Sample				
28-Jul-08	PS-Up		0.000054		0.105	NA	2.5	514	Upwind Sample				
28-Jul-08	PS-Down		0.00086		1.700	NA	2.5	506	Downwind Sample				
28-Jul-08	Ps-Hoe		0.00024		0.453	50	NA	530	Site Worker Personal Sample				
28-Jul-08	Ps-Grader		0.003		5.455	50	NA	550	Site Worker Personal Sample				
31-Jul-08	PS-RF Dn	<	0.00005	٧	0.087	NA	2.5	572	Downwind Sample				
31-Jul-08	PS-RF Up	<	0.00005	٧	0.093	NA	2.5	536	Upwind Sample				
31-Jul-08	Ps-Hoe		0.000098		0.184	50	NA	532	Site Worker Personal Sample				
31-Jul-08	Ps-Hoe K		0.000079		0.147	50	NA	536	Site Worker Personal Sample				

Personnel:

Range:	0.146-5.455
Mean:	1.1

Offsite:

Range:	<0.074-1.70
Mean:	0.4

Definitions:

PEL - Permissible Exposure Limit. Permissible Exposure Limits are airborne concentrations of substances that workers may be exposed to by inhalation while they are at work. In theory, they represent conditions which it is believed that nearly all workers can be exposed day after day without adverse health effects.

Action Level - The Action Level is the exposure level at which OSHA regulations take effect. This is generally one-half of the PEL.

NAAQS – National Ambient Air Quality Standards. These are standards established by EPA that apply for outdoor air throughout the country.

APPENDIX A LABORATORY REPORTS



AMERICAN WEST ANALYTICAL LABORATORIES June 20, 2008

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

TEL: (435) 608-0954 FAX: (435) 615-1239

463 West 3600 South Salt Lake City, Utah

84115

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L84615

Deal Relly Goo.

American West Analytical Labs received 4 samples on 6/18/2008 for the analyses presented in the following report.

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director Thank you.

Jose Rocha QA Officer

Approved by: _____lose 6. locha

Laboratory Director or designee

Report Date: 6/20/2008 Page 1 of 9



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST **ANALYTICAL LABORATORIES**

463 West 3600 South

Salt Lake City, Utah

84115

Lab Sample ID: L84615-01A

Field Sample ID: RF-SDD-PRE

Collected: 6/17/2008 Received: 6/18/2008

Reporting Analytical Date Method Limit Results **Analytical Results** Units Analyzed Used 6/19/2008 5:14:00 PM mg/kg-dry 6010B Arsenic 7.2 15 mg/kg-dry 6/19/2008 5:14:00 PM 6010B 7.2 Lead 190

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 6/20/2008 Page 2 of 9



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST Lab Sample ID: L84615-02A

Field Sample ID: RFT-North Gate Stockpile

ANALYTICAL **LABORATORIES**

463 West 3600 South

Salt Lake City, Utah

84115

Collected: 6/12/2008 Received: 6/18/2008

TOTAL METALS

Reporting Analytical Date Method Limit Results **Analytical Results** Units Analyzed Used mg/kg-dry 6/19/2008 5:18:00 PM 6010B Arsenic 5.6 7.4 mg/kg-dry 6/19/2008 5:18:00 PM 6010B Lead 5.6 41

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 6/20/2008 Page 3 of 9



Client:

Arsenic

Lead

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST Lab Sample ID: L84615-03A

Field Sample ID: Hospital Import - East Pile

ANALYTICAL LABORATORIES

Collected: 6/12/2008 Received: 6/18/2008

TOTAL METALS
Analytical Results

Reporting Analytical Date Method Limit Results Used Units Analyzed mg/kg-dry 6/19/2008 5:22:00 PM 6010B 5.7 < 5.7 mg/kg-dry 6/19/2008 5:22:00 PM 6010B 5.7 7.9

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 6/20/2008 Page 4 of 9



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL

LABORATORIES

463 West 3600 South Salt Lake City, Utah

84115

Lab Sample ID: L84615-04A

Field Sample ID: Hospital Import - West Pile

Collected: 6/12/2008 Received: 6/18/2008

TOTAL METALS	Date	Method	Reporting	Analytical			
Analytical Results	Units	Analyzed	Used	Limit	Results	ults	
Arsenic	mg/kg-dry	6/19/2008 5:30:00 PM	6010B	5.5	6.3		
Lead	mg/kg-dry	6/19/2008 5:30:00 PM	6010B	5.5	36		

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 6/20/2008 Page 5 of 9



AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Work Order: L84615

Project:

Richardson

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Q	ualifiers	Analysis Date
LCS-40984 LCS-40984	Arsenic Lead	mg/kg mg/kg	6010B 6010B	17.80 18.74	20 20	0	89.0 93.7	75-125 75-125				6/19/2008 6/19/2008

Report Date: 6/20/2008 Page 6 of 9



AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT: Work Order:

United Park City Mines Co.

L84615

Project:

Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
MB-40984 MB-40984	Arsenic Lead	mg/kg mg/kg	6010B 6010B	< 5.0 < 5.0				-			6/19/2008 6/19/2008

Report Date: 6/20/2008 Page 7 of 9



AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South Salt Lake City, Utah 84115 (801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L84615

SampType: MS

Project:

Richardson

Sample ID	Analyte		Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
L84615-04AMS	Arsenic	:	mg/kg-dry	6010B	38.25	22.33	6.284	143	75-125		1	6/19/2008
L84615-04AMS	Lead	<u> </u>	mg/kg-dry	6010B	42.05	22.33	36.45	25.1	75-125		1	6/19/2008

^{1 -} Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

Report Date: 6/20/2008 Page 8 of 9



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L84615

Project:

Richardson

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L84615-04AMSD L84615-04AMSD		mg/kg-dry mg/kg-dry	6010B 6010B	35.16 48.87	21.19 21.19	6.284 36.45	136 58.6	75-125 75-125	8.42 15.0	20 20	1	6/19/2008 6/19/2008

^{1 -} Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

Report Date: 6/20/2008 Page 9 of 9

American West Analytical Labs

WORK ORDER Summary

18-Jun-08

Work Order L84615

Client ID: Project:

UNI100

QC Level: 2+

Richardson

Location:

Contact: Kerry Gee

QCLevel: 2+; Email 2 people Comments: Date Due Test Code Storage Matrix **Collection Date** Date Received Sample ID Client Sample ID Soil 3051A-ICPMS june 18 - met 1 7/2/2008 6/17/2008 6/18/2008 RF-SDD-PRE L84615-01A ICP-S june 18 - met 1 7/2/2008 june 18 - met 7/2/2008 **PMOIST** june 18 - met 3051A-ICPMS 7/2/2008 RFT-North Gate Stockpile 6/12/2008 L84615-02A 1 7/2/2008 ICP-S june 18 - met june 18 - met **PMOIST** 7/2/2008 june 18 - met 1 7/2/2008 3051A-ICPMS Hospital Import - East Pile L84615-03A 1 ICP-S june 18 - met 7/2/2008 PMOIST june 18 - met 7/2/2008 7/2/2008 3051A-ICPMS june 18 - met L84615-04A Hospital Import - West Pile ICP-S june 18 - met 7/2/2008 7/2/2008 **PMOIST** june 18 - met

1 of 1

RMC

Laboratory Services Request Form

84615

I. CLIENT I	NFORMATION								SEND REQUESTS	TO
		UNITED PARK	CITY MINES						American West	10:
		PO BOX 1450		T 84060	-				Analytical Labora	torios
				. 0 1000					463 W. 3600 Sout	
Client Pho	one:	435-608-0954								
Client Fax		435-615-1239		•					Salt Lake City, 84115	JI
	NT INFORMAT	۵.:		_					04115	
									Patrick Noteboom	
		Todd Leeds	RMC- 801-255	-2626			· · · · · · · · · · · · · · · · · · ·		Phone # (801) 750	
	^	٨					Λ		Fax (801)-263-868	
TAT:	Stand	ard		_P.O. No:	12:0	chard	Lson	•	1 42 (001) 200 000	
III. REPOR	T INSTRUCTIO	ONS								
Report Re	esults To:	KERRY GEE-	UPCM AND TO	DDD LEEDS	- RM	FAX-2	255-3266			
Report Ac	ldress:	PO BOX 1450 PAR	RK CITY UT 84060	AND TODD LE	EDS, R	MC, 8138	S. STATE S	ST., STE	2A, MIDVALE UT 8404	7
									Todd@rmc-ut.com	
		w are required r							(date)	
IV. TYPE C	F SERVICE R	EQUESTED								
Please ana	lyze the enclos	ed environmenta	al samples for:							
Lab Use				Sampling		No.				
Only		Field Sample		Date & Time	е	of			Analysis	
Lab No.		No./Description	l			Cont.			Requested	
	RF-500) - PRE		6-17-20	38	1	(9)	0 4	As	
		th Gate Stock		6-12-2	008			_1		
	Hospital I	mport - East mport - West	rp:le							
	Hospital I	mport - West	P:le	1		V		V		
		·								
			· · · · · · · · · · · · · · · · · · ·							
_notes:	Cd- detection	limit must be bel	ow 0.0008 ppm	1						
V. CHAIN (OF CUSTODY I	RECORD								
Dispatched I	by:			Date		Time			Courier Co. Name	
Relinguished			> -	Date 6 -18 -	208		2154			
	0	0 -1	p-/	Date 6 10	1.	ııme l	125		Airbill #	
Received by	just	Hmoll.		Date 6/18/	108	Time	165	-	Custody Seal Intact?	
Received for	r lab by:	-		Date		Time			Yes	No

Lab Set ID:	84615	1	
Lau ou in.	<u> </u>		

Samples Were:	·		COC Tape	Was:			Conf	tainer T	Tybe:				No	n. Rec.	
☐ Shipped By:					ter Pack	age			pplied P	lastic					
Hand Delivered			☐ Yes		0							· . <u></u>			
Ambient			Unbroke					☐ AWAL Supplied Clear Glass ☐ AWAL Supplied Amber Glass							
		F	☐ Yes		o Z N/		☐ AWAL Supplied Alliber Glass ☐ AWAL Supplied VOA/TOC/TOX Vials								.
☐ Chilled	000	· · · · · · · · · · · · · · · · · · ·			Sample	Α .									
Temperature	18 ℃		4						Clear\□			Headsp	ace		
Rec. Broken/Leaki	ng □ Yes ⊉ No	□ N/A	☐ Yes		o □ N/				L Suppl		amer	· · · · · ·			
Notes:	•				n Sampl		Note	:s:		Sp					
			☐ Yes		o ⊠N/	<u>A</u> .								·	
Properly Preserved	✓ Yes □ No	□ N/A	Notes:								_		ī		
Notes:					. •										
						~									
Rec. Within Hold	☑ Yes □ No								es Betwe	een Lab	els and (COC .		Yes	Ľ No
Notes:	•					•	Note	s:							
				•					. "					•	
	•					*									•
			<u> </u>				_l					-		 	
		ATT TT OTC								I	T		1		T
Bottle Type	Preservative	All pHs OK											 	· · · · · ·	
Ammonia	pH <2 H ₂ SO ₄		- - - - - - - - - 										·		
COD	pH <2 H ₂ SO ₄		-+-	•	·					•			 	-	
Cyanide	PH >12 NaOH														
Metals	pH <2 HNO ₃	<u> </u>	 \							· ·					
NO ₂ & NO ₃	pH <2 H ₂ SO ₄		\		· ·.									- -	
Nutrients	pH <2 H ₂ SO ₄			\			+								
O & G	pH <2 HCL			1::											
Phenols	pH $<$ 2 H ₂ SO ₄ pH $>$ 9NaOH, ZnAC			$\overline{}$											
Sulfide TKN	pH <2 H ₂ SO ₄		·												
TOC	pH <2 H ₂ SO ₄ pH <2 H ₃ PO ₄									,		:			
	pH <2 H ₂ SO ₄	·		$\overline{}$				···							· -
T PO ₄	pH <2 H ₂ SO ₄ pH <2 HCL			-				·							
1PH	pri <2 nCL				\										
			-		/ 										
· · · · · · · · · · · · · · · · · · ·			-		\ 								-		
	· · · · · · · · · · · · · · · · · · ·	<u> </u>			-	_						*			
Procedure: 1) Pour a small amou	nt of sample in the sam	nole lid		. X	9						<u></u>	<u> </u>		
2) Pour sample from I	_id gently over wide ran	ige pH paper				•								
3) Do Not dip the pH	paper in the sample bo	ttle or lid												
4		served properly list its of the served properly list its of the server in the server i	extension and l	receiving	pH in the	appropriate (column a	bove.							
5 6		sation on COC	uoliona							-					
7.) Samples may be a	djusted at client reques	t .												



June 25, 2008

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

463 West 3600 South

TEL: (435) 608-0954

Salt Lake City, Utah

FAX: (435) 615-1239

84115

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L84653

American West Analytical Labs received 4 samples on 6/19/2008 for the analyses presented in the following report.

(801) 263-8686

Toll Free (888) 263-8686

Fax (801) 263-8687 e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director

Thank you.

Jose Rocha QA Officer

> Jose 6. Rocha Approved by: _

> > Laboratory Director or designee

Report Date: 6/25/2008 Page 1 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL **LABORATORIES**

463 West 3600 South

Salt Lake City, Utah

84115

Lab Sample ID: L84653-01A

Field Sample ID: RFT-1 (674 Liters)

Collected: 6/18/2008 Received: 6/19/2008

TO	TAI	. N	/DEC	ГΔ	T.S	3
$\mathbf{I}\mathbf{V}$	1				-	"

Reporting Analytical Date Method Limit Results **Analytical Results** Analyzed Used Units mg/sample 6/20/2008 7:21:52 PM 6020 Arsenic 0.000075 < 0.000075mg/sample 6/20/2008 7:21:52 PM 6020 0.000050 < 0.000050 Lead

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 6/25/2008 Page 2 of 8



Client:

United Park City Mines Co.

Units

mg/sample

mg/sample

6/20/2008 7:38:05 PM

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL

LABORATORIES

Lab Sample ID: L84653-02A

Field Sample ID: RFT-2 (684 Liters)

Collected: 6/18/2008 Received: 6/19/2008

TOTAL METALS

Analytical Results

Arsenic

Lead

Date Method Reporting Analytical Analyzed Used Limit Results

6/20/2008 7:38:05 PM 6020 0.000075 < 0.000075

0.000050

0.00010

6020

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 6/25/2008 Page 3 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL **LABORATORIES**

463 West 3600 South

Salt Lake City, Utah

84115

Lab Sample ID: L84653-03A

Field Sample ID: RFT-3 (694 Liters)

Collected: 6/18/2008 Received: 6/19/2008

Reporting Analytical Date Method Limit Results **Analytical Results** Units Analyzed Used 6/20/2008 7:43:29 PM mg/sample Arsenic 6020 0.000075 < 0.000075 mg/sample 6/20/2008 7:43:29 PM 6020 Lead 0.000050 0.00011

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 6/25/2008 Page 4 of 8



Client:

United Park City Mines Co.

Units

mg/sample

mg/sample

6/20/2008 7:48:53 PM

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L84653-04A

Field Sample ID: RFT-4 (610 Liters)

Collected: 6/18/2008 Received: 6/19/2008

TOTAL METALS
Analytical Results

Arsenic

Lead

Date Method Reporting Analytical Analyzed Used Limit Results

6/20/2008 7:48:53 PM 6020 0.000075 < 0.000075

0.000050

0.000063

6020

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 6/25/2008 Page 5 of 8



463 West 3600 South
Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:
Work Order:

United Park City Mines Co.

L84653

Project:

Richardson

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-41010 LCS-41010	Arsenic Lead	mg/L mg/L	6020 6020	0.1886 0.1972	0.2 0.2	0 0.00006	94.3 98.6	85-115 85-115			6/20/2008 6/20/2008

Report Date: 6/25/2008 Page 6 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

Work Order:

United Park City Mines Co.

L84653

Project:

Richardson

Dept: ME

SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qual	Analysis ifiers Date
LCSD-41010	Arsenic	mg/L	6020	0.1831	0.2	0	91.6	85-115	2.95	20	6/20/2008
LCSD-41010	Lead	mg/L	6020	0.1928	0.2	0.00006	96.4	85-115	2.27	20	6/20/2008

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide prescision data.

Report Date: 6/25/2008 Page 7 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

L84653

Work Order: Project:

Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
MB-41010 MB-41010	Arsenic Lead	mg/L mg/L	6020 6020	< 0.00015 < 0.00010				-			6/20/2008 6/20/2008

Report Date: 6/25/2008 Page 8 of 8

American West Analytical Labs

WORK ORDER Summary

20-Jun-08

Work Order L84653

Client ID:

UNI100

QC Level: 2+

Project:

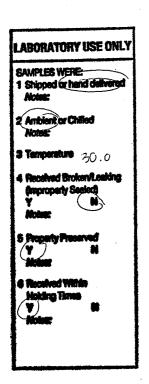
Richardson

Location:

Contact: Kerry Gee

QCLevel: 2+; Email 2 People. Use lowest detection limit possible for all analysis.

Client Sample ID		QCLevel: 2+; Email 2 People. Use lowest detection limit possible for all analysis.											
onen oumpre as	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage							
RFT-1 (674 Liters)	6/18/2008	6/19/2008	7/3/2008	Filter	3051A-ICPMS	desicator june 19 - met	1						
,	• •		7/3/2008	•	6020-S	desicator june 19 - met	1						
RFT-2 (684 Liters)			7/3/2008		3051A-ICPMS	desicator june 19 - met	1						
			7/3/2008		6020-S	desicator june 19 - met	1						
RFT-3 (694 Liters)			7/3/2008		3051A-ICPMS	desicator june 19 - met	1						
			7/3/2008		6020-S	desicator june 19 - met	1						
RFT-4 (610 Liters)			7/3/2008	 :	3051A-ICPMS	desicator june 19 - met	1						
,			7/3/2008		6020-S	desicator june 19 - met	1						
	RFT-2 (684 Liters) RFT-3 (694 Liters)	RFT-2 (684 Liters) RFT-3 (694 Liters)	RFT-2 (684 Liters) RFT-3 (694 Liters)	RFT-2 (684 Liters) RFT-3 (694 Liters) RFT-3 (694 Liters) RFT-4 (610 Liters) 7/3/2008 7/3/2008 RFT-4 (610 Liters)	7/3/2008 RFT-2 (684 Liters) 7/3/2008 RFT-3 (694 Liters) 7/3/2008 RFT-4 (610 Liters) 7/3/2008	7/3/2008 6020-S RFT-2 (684 Liters) 7/3/2008 3051A-ICPMS 7/3/2008 6020-S RFT-3 (694 Liters) 7/3/2008 3051A-ICPMS 7/3/2008 6020-S RFT-4 (610 Liters) 7/3/2008 3051A-ICPMS	RFT-2 (684 Liters) 7/3/2008 6020-S desicator june 19 - met RFT-2 (684 Liters) 7/3/2008 3051A-ICPMS desicator june 19 - met RFT-3 (694 Liters) 7/3/2008 3051A-ICPMS desicator june 19 - met RFT-4 (610 Liters) 7/3/2008 6020-S desicator june 19 - met RFT-4 (610 Liters) 7/3/2008 3051A-ICPMS desicator june 19 - met						



RMC

Laboratory Services Request Form

84652

I. CLIENT INFORMATIO	Name of the second seco				SEND REQUESTS TO:
	UNITED PARK CITY MINES		100 AC 750 BRENE FREE FREE CO.	esercial des Sections de la management	American West
	PO BOX 1450 PARK CITY, U	T 84060			Analytical Laboratories
					463 W. 3600 South
Client Phone:	435-608-0954	-			Salt Lake City, UT
Client Fax:		- China di Carantino di Caranti			84115
II. ACCOUNT INFORMA	TION				
Account Name:					Patrick Noteboom
Sample Questions-	Todd Leeds RMC- 801-255	5-2626			Phone # (801) 750-2585
TAT. Standa	0	0	, 1		Fax (801)-263-8687
		_P.O. No: گذر	hardson	Hadroshiik (16 annoneeus essentin)	nii ilii ilii ilii ilii ilii ilii ilii
III. REPORT INSTRUCT					
l .	KERRY GEE- UPCM AND TO				<u></u>
	PO BOX 1450 PARK CITY UT 84060				
Please Forward Results		Fed Ex ()	Fax ()	() Othe	Todd@rmc-ut.com
Services Requested be	low are required no later than				(date)
	REQUESTED				
	sed environmental samples for:	1_	T1		
Lab Use	F: 110	Sampling	No.	•	
Only	Field Sample	Date & Time	of		Analysis
Lab No	No./Description RFT-1 (674 liters)	1 19 2 11 9	Cont.		Requested
		6-18-2008	\	b? 4 b	45
RFT-7	/				
RFT-4	(610 (1)		 		
	(410 (.)				
					
				, a	
notes: Cd-detection	1 limit must be below 0:0008 ppn	1 lowest av	الماند	letection 1	imit for all analyte
V. CHAIN OF CUSTODY	SERBERGERINGER DER GERTE DER GERTE BERTEITE DER GERTE BERTEITE BERTEITE BERTEITE BERTEITE BERTEITE BERTEITE BE			(-a)	init Afran Amily To
Dispatched by:		Date	Time		Courier Co. Name
Relinquished by:		Date 6 -19-2005	Time 14	:44	Airbill #
Received by: fund	Synday	Date 6/19/08	Time /L	144	Custody Seal Intact?
Received for lab by:		Date	Time		Yes No



July 23, 2008

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

463 West 3600 South Salt Lake City, Utah TEL: (435) 608-0954

84115

FAX: (435) 615-1239

RE: Richardson

Lab Set ID: L85048

Dear Kerry Gee:

American West Analytical Labs received 3 samples on 7/11/2008 for the analyses presented in the following report.

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director Thank you.

Jose Rocha QA Officer

Approved by

Laboratory Director or designee

Report Date: 7/23/2008 Page 1 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L85048-01A

Field Sample ID: CV - RFT - Topsoil Promentory

Collected: 7/8/2008 10:00:00 AM

Received: 7/11/2008

TOTAL METALS		Date	Method	Reporting	Analytical	
Analytical Results	Units	Analyzed	Used	Limit	Results	
Arsenic	mg/kg-dry	7/16/2008 4:03:00 PM	6010B	5.3	< 5.3	
Lead	mg/kg-dry	7/16/2008 4:03:00 PM	6010B	5.3	13	

84115

463 West 3600 South Salt Lake City, Utah

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 7/23/2008 Page 2 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South Salt Lake City, Utah

84115

Lab Sample ID: L85048-02A

Field Sample ID: CV - RFT - West Hospital

Collected: 7/8/2008 10:15:00 AM

Received: 7/11/2008

TOTAL METALS		Date	Method	Reporting	Analytical	
Analytical Results	Units	Analyzed	Used	Limit	Results	
Arsenic	mg/kg-dry	7/16/2008 4:27:00 PM	6010B	5.6	< 5.6	
Lead	mg/kg-dry	7/16/2008 4:27:00 PM	6010B	5.6	16	

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 7/23/2008 Page 3 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

5.4

7.5

Project ID: Richardson

AMERICAN WEST ANALYTICAL **LABORATORIES**

Lab Sample ID: L85048-03A

Field Sample ID: CV - RFT - East Hospital

Collected: 7/8/2008 11:00:00 AM

Received: 7/11/2008

TOTAL METALS		Date	Method	Reporting	Analytical	
Analytical Results	Units	Analyzed	Used	Limit	Results	
Arsenic	mg/kg-dry	7/16/2008 4:31:00 PM	6010B	5.4	< 5.4	-
Lead	mg/kg-dry	7/16/2008 4:31:00 PM	6010B	5.4	75	

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 7/23/2008 Page 4 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L85048

SampType: LCS

Project:

Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-41363	Arsenic	mg/kg	6010B	21.59	20	2.681	94.5	75-125		-	7/16/2008
LCS-41363	Lead	mg/kg	6010B	16.90	20	0	84.5	75-125	•		7/16/2008

Report Date: 7/23/2008 Page 5 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L85048

SampType: MBLK

Project:

Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
MB-41363	Arsenic	mg/kg	6010B	< 5.0				-			7/16/2008
MB-41363	Lead	mg/kg	6010B	< 5.0				• -			7/16/2008

Report Date: 7/23/2008 Page 6 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L85048

SampType: MS

Project:

Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
L85048-01AMS	Arsenic	mg/kg-dry	6010B	25.31	21.31	3.497	102	75-125			7/16/2008
L85048-01AMS	Lead	mg/kg-dry	6010B	29.35	21.31	13.29	75.4	75-125			7/16/2008

Report Date: 7/23/2008 Page 7 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L85048

SampType: MSD

Project:

Richardson

Sample ID A	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L85048-01AMSD A		mg/kg-dry mg/kg-dry	6010B 6010B	23.57 30.41	21.36 21.36	3.497 13.29	94.0 80.1	75-125 75-125	7.13 3.54	20 20		7/16/2008 7/16/2008

Report Date: 7/23/2008 Page 8 of 8

American West Analytical Labs

WORK ORDER Summary

22-Jul-08

Work Order L85048

Client ID:

UNI100

QC Level: 2+

Project:

Richardson

Location:

Contact: Kerry Gee

Hoksp

Comments:	QCLevel: 2+. Email 2 People.										
Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage				
L85048-01A	CV - RFT - Topsoil Proment	o 7/8/2008 10:00:00 AM	7/11/2008	7/28/2008	Soil	3051A-ICPMS	july 11 - metals	1			
	,			7/28/2008	······································	ICP-S	july 11 - metals	1			
				7/28/2008		PMOIST	july 11 - metals	1			
L85048-02A	CV - RFT - West Hospital	7/8/2008 10:15:00 AM		7/28/2008	,	3051A-ICPMS	july 11 - metals	1			
				7/28/2008		ICP-S	july 11 - metals	1			
5"				7/28/2008		PMOIST	july 11 - metals	1			
L85048-03A	CV - RFT - East Hospital	7/8/2008 11:00:00 AM		7/28/2008		3051A-ICPMS	july 11 - metals	1			
				7/28/2008	· · · · · · · · · · · · · · · · · · ·	ICP-S	july 11 - metals	1			
				7/28/2008		PMOIST	july 11 - metals	1			

1 of 1

RMC

Laboratory Services Request Form

I. CLIENT INFORMATION		SEND REQUESTS TO:
Client Name: UNITED PARK CITY MIN	NES	American West
Client Address: PO BOX 1450 PARK CIT		Analytical Laboratories
		463 W. 3600 South
Client Phone: 435-608-0954		Salt Lake City, UT
Client Fax: 435-615-1239		84115
II. ACCOUNT INFORMATION		
Account Name:		Patrick Noteboom
Sample Question <u>s- Todd Leeds RMC- 801</u>	1-255-2626	Phone # (801) 750-2585
cL + 1	2)	Fax (801)-263-8687
TAT: Standard	P.O. No: Richardon	, , , , , , , , , , , , , , , , , , , ,
III. REPORT INSTRUCTIONS		
Report Results To: KERRY GEE- UPCM AN	ND TODD LEEDS - RMC FAX-255-3266	
Report Address: PO BOX 1450 PARK CITY UT 8	84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., S	TE 2A, MIDVALE UT 84047
Please Forward Results By: US Mail((X) Fed Ex () Fax (X) Oth	neiTodd@rmc-ut.com
Services Requested below are required no later tha	ın	(date)
IV. TYPE OF SERVICE REQUESTED		
Please analyze the enclosed environmental samples		
Lab Use	Sampling No.	
Only Field Sample	Date & Time of	Analysis
Lab No. No./Description	Cont.	Requested
CV-RFT-Topsol promoto.		
CV-RFT- west hospital	1 10:15	
CU-RFT-east hospital	11:00	
		· · · · · · · · · · · · · · · · · · ·
notes: Cd- detection limit must be below 0.0008	ppm	
V. CHAIN OF CUSTODY RECORD	ii Maa II Baad AAA	Bakan bakan
Dispatched by:	Deta	
	Date Time	Courier Co. Name
Relinquished by:	Date 7111 US Time 10:11	Airbill #
Received by:	Date Time	Custody Seal Intact?
Received for lab by: All March Brun	Date 7/4/08 Time 10:11	Yes No

Lab Set ID: 8504	48
------------------	----

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
🗹 Hand Delivered	□ Yes □ No □ N/A	☐ AWAL Supplied Clear Glass	
☑ Ambient	Unbroken on Outer package	□ AWAL Supplied Amber Glass	
☐ Chilled	□Yes □No □/N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	•
Temperature 22.5 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking	□ Yes □-No □ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes:	
	□ Yes □ No □M/A		
Properly Preserved	Notes:		,
Notes:			
	•		
Rec. Within Hold Yes 🗆 No		Discrepancies Between Labels and COC	□ Yes □-No
Notes:		Notes:	

								<u> </u>		<u>_DB</u>			-	•
Bottle Type	Preservative	All pHs OK												
Ammonia	pH <2 H ₂ SO ₄									1.1		1 11		
COD	pH <2 H ₂ SO ₄													
Cyanide	PH >12 NaOH												1 1	
Metals	pH <2 HNO ₃	•				· · ·								
NO ₂ & NO ₃	pH <2 H ₂ SO ₄													1
Nutrients	pH <2 H₂SO₄			,							1.			
0 & G	pH <2 HCL												٠.	
Phenols	pH <2 H ₂ SO ₄													
Sulfide	pH > 9NaOH, ZnAC		1					- 1		1/11/				
TKN	pH <2 H ₂ SO ₄	. /												
TOC	pH <2 H ₃ PO ₄												. :	
T PO ₄	pH <2 H ₂ SO ₄		,											
TPH	pH <2 HCL										-			:
				٠						, :				
					* 1		· ·						-	,
								 			1.25	,		
		· ·					,		·····					

Procedure:

- Pour a small amount of sample in the sample lid
 Pour sample from Lid gently over wide range pH paper
 Do Not dip the pH paper in the sample bottle or lid
 If sample is not preserved properly list its extension and receiving pH in the appropriate column above
 Flag COC and notify client for further instructions
 Place client conversation on COC
 Samples may be adjusted at client request



July 30, 2008

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

463 West 3600 South Salt Lake City, Utah TEL: (435) 608-0954 FAX: (435) 615-1239

84115

RE: Richardson Flat

Dear Kerry Gee:

Lab Set ID: L85369

American West Analytical Labs received 4 samples on 7/29/2008 for the analyses presented in the following report.

(801) 263-8686 Toll Free (888) 263-8686

Fax (801) 263-8687 e-mail: awal@awal-labs.com All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director

Thank you.

Jose Rocha **QA** Officer

Laboratory Director or designee

Report Date: 7/30/2008 Page 1 of 8



Client:

United Park City Mines Co.

Units

mg/sample

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST ANALYTICAL Lab Sample ID: L85369-01A

Field Sample ID: PS-Up (514 Liters)

Collected: 7/28/2008 Received: 7/29/2008

TOTAL METALS

Analytical Results

Date Method Reporting Analyzed Used Limit

Analytical Results

463 West 3600 South Salt Lake City, Utah

84115

LABORATORIES

Lead

7/29/2008 11:23:00 PM 6020

0.000050

0.000054

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 7/30/2008 Page 2 of 8



Client:

Lead

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L85369-02A

Field Sample ID: PS-Down (506 Liters)

Collected: 7/28/2008 Received: 7/29/2008

TOTAL METALS

Date Method

7/29/2008 11:44:34 PM

Reporting

Analytical

Analytical Results

Units

mg/sample

Analyzed Us

Used 6020 Limit

0.000050

Results

0.00086

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686

e-mail: awal@awal-labs.com

Fax (801) 263-8687

Kyle F. Gross Laboratory Director

> Jose Rocha QA Officer

> > Report Date: 7/30/2008 Page 3 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L85369-03A

Field Sample ID: PS-Hoe (530 Liters)

Collected: 7/28/2008 Received: 7/29/2008

TOTAL METALS

Date Method

Reporting

Analytical

Analytical Results

Units

Analyzed Us

Used

Limit Res

Results

463 West 3600 South Salt Lake City, Utah 84115 Lead mg/sample 7/29/2008 11:49:58 PM 6020 0.000050 0.00024

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 7/30/2008 Page 4 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST ANALYTICAL

LABORATORIES

Lab Sample ID: L85369-04A

Field Sample ID: PS-Grader (550 Liters)

Collected: 7/28/2008 Received: 7/29/2008

TOTAL METALS

Analytical Results

Date Method

Used

Analyzed

Reporting Analytical

porting Analytica Limit Results

0.0030

463 West 3600 South Salt Lake City, Utah 84115 Lead mg/sample 7/29/2008 11:55:22 PM 6020 0.000050

Units

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 7/30/2008 Page 5 of 8



463 West 3600 South Salt Lake City, Utah 84115 (801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT: Work Order: United Park City Mines Co.

L85369

Project:

Richardson Flat

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-41550	Lead	mg/L	6020	0.1946	0.2	0.000064	97.3	85-115			7/29/2008

Report Date: 7/30/2008 Page 6 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Work Order:

L85369

Project:

Richardson Flat

Dept: ME

SampType: LCSD

Sample ID	Analyte		Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Q	ualifiers	Analysis Date
LCSD-41550	Lead	•	mg/L	6020	0.1864	0.2	0.000064	93.2	85-115	4.32	20		7/29/2008

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide prescision data.

Report Date: 7/30/2008 Page 7 of 8



463 West 3600 South
Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Work Order:

L85369

Project:

Richardson Flat

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-41550	Lead	mg/L	6020	< 0.00010				-				7/29/2008

Report Date: 7/30/2008 Page 8 of 8

American West Analytical Labs

PS-Grader (550 Liters

WORK ORDER Summary

29-Jul-08

Work Order L85369

Client ID:

Comments:

L85369-04A

UNI100

QC Level: 2+

Project:

Richardson Flat QCLevel: 2+

Location: Hoth

Contact: Kerry Gee

3051A-ICPMS

6020-S

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85369-01A	PS-Up (514 Liters)	7/28/2008	7/29/2008	8/12/2008	Filter	3051A-ICPMS	desicater july 29 - metals	1
				8/12/2008		6020-S	desicater july 29 - metals	1
L85369-02A	PS-Down (506 Liters)			8/12/2008		3051A-ICPMS	desicater july 29 - metals	1
				8/12/2008		6020-S	desicater july 29 - metals	1
L85369-03A	PS-Hoe (530 Liters)			8/12/2008		3051A-ICPMS	desicater july 29 - metals	1
		· · · · · · · · · · · · · · · · · · ·		8/12/2008		6020-S	desicater july 29 - metals	1

8/12/2008

8/12/2008

desicater july 29 - metals

desicater july 29 - metals

RMC

Laboratory Services Request Form

85369

I. CLIENT INFO	RMATION			L Company of the State			SEND REQUEST	S TO:
Client Name: _		UNITED PARK CIT	TY MINES				American West	
Client Address	3:	PO BOX 1450 PAI	<u>RK CITY, U</u>	T 84060			Analytical Labor	ratories
							463 W. 3600 Sou	th
		435-608-0954		-			Salt Lake City	, UT
etate a contributation de la contraction del contraction de la con		435-615-1239					84115	:
		ION						
Account Name		•					Patrick Noteboo	m
Sample Ques	tion <u>s-</u>	Todd Leeds RM	C- 801-255	5-2626	·-·-		Phone # (801) 75	
TAT: 54	tandord	_		P.O. No: 12	:chards	on Flat	Fax (801)-263-86	587
III. REPORT IN	STRUCTIO)NS		_F.O. NO.	-			
		KERRY GEE- UP	CM AND TO	ODD LEEDS - RN	//C FAX-25	5-3266		
		PO BOX 1450 PARK C					2A. MIDVALE UT 840	47
Please Forwar	rd Results	By: US	Mail (X)	Fed Ex ()	Fax (X) Othe	Todd@rmc-ut.cor	n
Services Requ	uested belo	ow are required no la	ater than _				(date)	
IV. TYPE OF SE	ERVICE R							
Please analyze	the enclos	sed environmental sa						
Lab Use				Sampling	No.			
Only		Field Sample		Date & Time	of		Analysis	
Lab No.		No./Description			Cont.		Requested	
	- Up	(514	1stors)	7-28-2008	1	Ps		
	- Down		π,					
	- Hoe	(530	<u>, (,)</u>					
195-	Grader	(550)	4	1	4		
					-			
			,					
	·							
	-							
notos: Q	-1-11	P. Marian		1 - 1-		1 1. ,		
notes: Cd- V: CHAIN OF C		limit must be below RECORD	9.0008 рр п	n Lamest aua	ildle de	tection lim	it for analy	tes
Dispatched by:				Date	Time		Courier Co. Name	
Relinquished by:	Já.	- Car	-	Date 7-29-08	Time (5	:((Airbill #	
Received by:	to	3 Buch	L	Poate 7/29/08	Time 5	//	Custody Seal Intact?	i
Received for lab b	y:			/ / Date	Time		Yes	No

]	Lab Set ID	:8	5700	1					
Samples Were:	·		C	OC Tap	e Was:	-	V 10 10 10 10 10 10 10 10 10 10 10 10 10		Container Type:						No. Rec.		
☐ Shipped By:						uter Pac	kage		☐ AWAL Supplied Plastic								
₩ Hand Delivered				ΠYe		No □N		·	□ AWAL Supplied Clear Glass								
✓ Ambient						Outer pa											
☐ Chilled									☐ AWAL Supplied Amber Glass ☐ AWAL Supplied VOA/TOC/TOX Vials								
Temperature	76.9°C		-	☐ Yes ☐ No ��N/A Present on Sample					Amber					ace			
Rec. Broken/Leaki		□ N/A	-	Yes DNo DN/A					Non AWA				Troadspo	100			
Notes:	ing Lites Marko	LI IV/A				on Samp			otes:	· Adno Tr	ned Con	lame				 	
140165.				□ Ye		No DA	1 e Γ/ λ	1	otes.	·	10/1)						
Properly Preserved DYes DNo DN/A				otes:	7S LI I	110 421	I/A.				γ.						
Notes:				orés.		i i						b.					
Notes:	•	•											•				
Rec. Within Hold								D	iscrepanc	ies Betw	een Lab	els and	COC		Yes	X No	
Notes:			1						otes:							-	
2,10,000																	
·	:	-4-					,										
		<u> </u>		,		·				<u> </u>							
Bottle Type	Preservative	All pHs OK			<u> </u>										<u> </u>		
Ammonia	pH <2 H ₂ SO ₄		<u> </u>							<u> </u>	. :						
COD	pH <2 H ₂ SO ₄														· ·		
Cyanide	PH >12 NaOH		$\overline{}$														
Metals	pH <2 HNO₃															ļ	
NO ₂ & NO ₃	pH <2 H ₂ SO ₄			Λ												• •	
Nutrients	pH <2 H ₂ SO ₄												•		<u> </u>		
O&G	pH <2 HCL			. \	<u> </u>				· .						<u> </u>		
Phenols	pH <2 H ₂ SO ₄										,						
Sulfide	pH > 9NaOH, ZnAC						, >										
TKN	pH <2 H ₂ SO ₄			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\							-					
TOC	pH <2 H₃PO₄		·		Λ					_							
T PO ₄	pH <2 H ₂ SO ₄			ļ		· .										·	
TPH	pH <2 HCL					٠.									<u> </u>		
				<u> </u>					_			1 1					
					<u> </u>		<u> </u>							۷.			
	·					1		-									
					-	_ _											

Procedure:

1) 2) 3) 4) 5) 6) 7)

Pour a small amount of sample in the sample lid
Pour sample from Lid gently over wide range pH paper
Do Not dip the pH paper in the sample bottle or lid
If sample is not preserved properly list its extension and receiving pH in the appropriate column above
Flag COC and notify client for further instructions
Place client conversation on COC
Samples may be adjusted at client request



August 07, 2008

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

463 West 3600 South Salt Lake City, Utah TEL: (435) 608-0954 FAX: (435) 615-1239

84115

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L85528

A

American West Analytical Labs received 4 samples on 8/6/2008 for the analyses presented in the following report.

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director

Thank you.

Jose Rocha QA Officer

Approved by:

Laboratory Director or designee

Report Date: 8/7/2008 Page 1 of 8



Client:

Lead

United Park City Mines Co.

Contact: Kerry Gee

0.000050 < 0.000050

Project ID: Richardson

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L85528-01A

Field Sample ID: PS-RF Dn (572 L)

Collected: 7/31/2008 Received: 8/6/2008

TOTAL METALS

Date

8/6/2008 8:10:26 PM

Method Reporting

Analytical

Analytical Results

Units

mg/sample

Analyzed Used

ed Limit

6020

Results

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687

e-mail: awal@awal-labs.com

Kyle F. Gross Laboratory Director

> Jose Rocha QA Officer

> > Report Date: 8/7/2008 Page 2 of 8



Client:

Lead

United Park City Mines Co.

Units

mg/sample

8/6/2008 8:26:35 PM

Contact: Kerry Gee

0.000050 < 0.000050

Project ID: Richardson

AMERICAN WEST **ANALYTICAL** LABORATORIES Lab Sample ID: L85528-02A

Field Sample ID: PS-RF Up (536 L)

Collected: 7/31/2008 Received: 8/6/2008

TOTAL METALS

Analytical Results

Reporting Analytical Date Method Limit Results Analyzed Used

6020

463 West 3600 South

Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 8/7/2008 Page 3 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L85528-03A

Field Sample ID: PS-Hoe T (532 L)

Collected: 7/31/2008 Received: 8/6/2008

TOTAL METALS

Date Method Reporting Analyzed Used Limit

Reporting Analytical Limit Results

463 West 3600 South Salt Lake City, Utah 84115 Analytical Results Units Analyzed Used Limit Result

Lead mg/sample 8/6/2008 8:31:58 PM 6020 0.000050 0.000098

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 8/7/2008 Page 4 of 8



Client:

Lead

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L85528-04A

Field Sample ID: PS-Hoe K (536 L)

Collected: 7/31/2008 Received: 8/6/2008

TOTAL METALS

Date Method

Reporting

0.000050

Analytical

Analytical Results

Units

mg/sample

Analyzed Used

8/6/2008 8:37;21 PM

ed Limit

6020

Results

0.000079

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 8/7/2008 Page 5 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order: L85528

SampType: LCS

Project:

Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-41706	Lead	mg/L	6020	0.1801	0.2	0	90.0	85-115			8/6/2008

Report Date: 8/7/2008 Page 6 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

Project:

L85528

Richardson

SampType: LCSD

110,000	1001010001										
Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifi	Analysis ers Date
LCSD-41706	Lead	mg/L	6020	0.1848	0.2	0	92.4	85-115	2.61	20	8/6/2008

Report Date: 8/7/2008 Page 7 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order: L85528

SampType: MBLK

Project:

Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-41706	Lead	mg/L	6020	< 0.00010							•	8/6/2008

Report Date: 8/7/2008 Page 8 of 8

American West Analytical Labs



WORK ORDER Summary

06-Aug-08

Work Order L85528

Client ID:

UNI100

QC Level: 2+

Project:

Richardson

Location:

HOK-DB

Contact: Kerry Gee

Comments: Next Day Rush; QCLevel: 2+; Email 2 people; Client is aware that the instrument is down.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85528-01A	PS-RF Dn (572 L)	7/31/2008	8/6/2008	8/7/2008	Filter	3051A-ICPMS	aug 6 - metals	1
				8/7/2008		6020-S	aug 6 - metals	1
L85528-02A	PS-RF Up (536 L)			8/7/2008		3051A-ICPMS	aug 6 - metals	1
				8/7/2008		6020-S	aug 6 - metals	1
L85528-03A	PS-Hoe T (532 L)			8/7/2008		3051A-ICPMS	aug 6 - metals	1
				8/7/2008		6020-S	aug 6 - metals	1
L85528-04A	PS-Hoe K (536 L)			8/7/2008		3051A-ICPMS	aug 6 - metals	1
	,			8/7/2008	•	6020-S	aug 6 - metals	1

22.7

RMC

Laboratory Services Request Form

85528

CLIENT INFORMATION							
Client Address: PO BOX 1450 PARK CITY, UT 84060 Client Phone: 435-608-0954 Client Fax: 435-608-0954 Client Fax: 435-615-1239 II. ACCOUNT INFORMATION ACCOU							SEND REQUESTS TO:
Client Phone: 435-608-0954 Client Fax: 435-615-1239 II. ACCOUNT INFORMATION Account Name: Patrick Noteboom Account Name: Phone # (801) 750-2585 TAT: P.O. No: Pichalsen III. REPORT INSTRUCTIONS Report Results To: KERRY GEE-UPCM AND TODD LEEDS - RMC, F138-8. STATE ST., STE 2A MIDVALE UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax (X) Other Todd@rmc-ut.com Services Requested below are required no later than (date) W. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested PS - No e - T (533 L) Pb PS - No e - T (534 L) Pb PS - No e - T (534 L) Pb PS - No e - T (534 L) Pb PS -							American West
Client Phone: 435-608-0954 Client Fax: 435-615-1239 II. ACCOUNT INFORMATION Account Name: Patrick Noteboom Phone # (801) 750-2585 Fax (801)-263-8687 TAT: The very Properties of Phone # (801) 750-2585 Fax (801)-263-8687 TAT: Power Properties of Phone # (801) 750-2585 Fax (801)-263-8687 III. REPORT INSTRUCTIONS Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC, 8138 S. STATE ST., STE 2A. MIDVALE UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax (X) Othe Todd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyzo the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested PS - P Dy C 572 L 7400 PS 100 PB Date & Time PB PS - P Dy C 536 L) PS - No 2 - T (533 L) PS - No 2 - T (533 L) PS - No 2 - T (536 L) Date Time Courier Co. Name Arbitilit # Received by C. Time (22 2) Cusbody Seal Infact?	Client Add	ress:	PO BOX 1450 PARK CITY, U	T 84060			Analytical Laboratories
Client Fax: 435-615-1239 II. ACCOUNT INFORMATION Account Name: Sample Questions- TOdd Leeds RMC-801-255-2626 TAT: 3 1 -							463 W. 3600 South
II. ACCOUNT INFORMATION ACCOUNT Name: Sample Questions- Todd Leads RMC-801-255-2626 TAT: P.O. No: P.O. No: P.O. No: Pax (801)-263-8687 Fax (801)-263-8687 PATE: P.O. No: P				-			Salt Lake City, UT
Account Name: Sample Questions- Todd Leeds RMC-801-255-2626 TAT: P.O. No: Richardson III. REPORT INSTRUCTIONS Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266 Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST. STE 2A MIDVALE UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax (X) OtherTodd@rmc-ut.com Services Requested below are required no later than (date) N. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time Of Analysis Requested PS- rf up (\$36 L) P5- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P8- rf up (\$36 L) P9- rf up (\$36 L) P1- rf up (\$36 L) P1- rf up (\$36 L) P1- rf up (\$36 L) P5- rf up (\$36 L) P6- rf up (\$36 L) P7- rf up (\$36 L) P8- rf up (\$36 L) P8- rf up (\$36 L) P9- rf up (\$36 L) P1- rf up (\$36 L) P1-					· ·		84115
Sample Questions Todd Leeds RMC-801-255-2626 TAT: The way Po. No: Pichadson III. REPORT INSTRUCTIONS Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266 Report Address: Po BOX 1450 PARK CITY UT \$4060 AND TODD LEEDS - RMC, 8139 S. STATE ST., STE 2A, MIDVALE UT \$4047 Please Forward Results By: US Mail (X) Fed Ex () Fax (X) OtherTodd@rmc-ut.com Services Requested below are required no later than (date) N. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested PS- PD- CS72 L7 7000 7 7							
Fax (801)-263-8687 III. REPORT INSTRUCTIONS Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266 Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax (X) Othe Todd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested PS- rf Dn (572 L) 74004 2 1 Pb P5- rf up (536 L) Pb P5- rf up (536 L) Pb P5- hee-T (533 L) Pb P5- hee-T (533 L) Pb P5- hee-T (536 L) Pb P6- hee-T (536 L) Pb P6- hee-T (536 L) Pb P7- hee-T (536 L) Pb P6- hee-T (536 L) Pb P7- hee-T (536 L) Pb P6- hee-T (536 L) Pb P7- hee-T (536 L) Pb P6- hee-T (536 L) Pb P7- hee-T (536 L) Pb P8- hee-T (536 L) Pb P8- hee-T (536 L) Pb P8- hee-T (536 L) Pb P6- hee-T (536 L) Pb P7- hee-T (536 L) Pb P6- hee-T (536 L) Pb P7- hee-T (536 L) Pb P8- hee-T (536 L) Pb P						·	Patrick Noteboom
III. REPORT INSTRUCTIONS Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266 Report Address: PO BOX 1450 PARK CITY UT 84080 AND TODD LEEDS. RMC, 8138 S. STATE ST., STE 2A MIDVALE UT 84047 Please Forward Results By: US Mail (X) Fed EX () Fax (X) OtherTodd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested PS-rfDn (572 L) 71004 32 1 Pb PS-rf up (536 L) Pb PS-rhu-T (533 L) Pb PS-hu-T (533 L) Pb PS-hu-T (536 L) P	Sample Q	uestion <u>s-</u>	Todd Leeds RMC- 801-255	5-2626	· <u>-</u>		Phone # (801) 750-2585
III. REPORT INSTRUCTIONS Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266 Report Address: PO BOX 1450 PARK CITY UT 84080 AND TODD LEEDS. RMC, 8138 S. STATE ST., STE 2A MIDVALE UT 84047 Please Forward Results By: US Mail (X) Fed EX () Fax (X) OtherTodd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested PS-rfDn (572 L) 71004 32 1 Pb PS-rf up (536 L) Pb PS-rhu-T (533 L) Pb PS-hu-T (533 L) Pb PS-hu-T (536 L) P		14_L.		<u>.</u>	. ^		Fax (801)-263-8687
III. REPORT INSTRUCTIONS Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266 Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax (X) Other Todd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested PS- PD C ST2 L				P.O. No: R	chards		
Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax (X) Othel Todd@rmc_ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Cont. Requested P5- rf Dr (S72 L) 74000 77 10 04 20 1 Pb P5- rf Dr (S36 L) Pb P5- rr (S36 L) Pb P6- rr (S36 L) Pb P7- rr (S36 L) Pb P6- rr (S36 L) Pr (S36 L) Pr (S36 L) Pb P6- rr (S36 L) Pr	III. REPORT	INSTRUCTIO	NS				
Please Forward Results By: US Mail (X) Fed EX () Fax (X) Other Todd@rmc_ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time Of Cont. Requested P5- PD C C72 L 7000 C 77 L Pb P5- P0 C C572 L Pb	Report Res	sults To:	KERRY GEE- UPCM AND TO	ODD LEEDS - RM	C FAX-25	5-3266	
Please Forward Results By: US Mail (X) Fed EX () Fax (X) Other Todd@rmc_ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time Of Cont. Requested P5- PD C C72 L 7000 C 77 L Pb P5- P0 C C572 L Pb	Report Add	dress:	PO BOX 1450 PARK CITY UT 84060	AND TODD LEEDS, R	MC, 8138 S	. STATE ST., STE	2A, MIDVALE UT 84047
M. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use							
M. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use	Services R	Requested belo	w are required no later than _				(date)
Lab Use Only Field Sample No./Description P5-rfDn (572L) 74000 713104 P5-rf up (536L) P5-hel-T (536L) P5-hel-T (536L) P5-hel-T (536L) P6-hel-T (536L) P6-hel							
Only Lab No. No./Description P5-rf Dn C 572 L) P5-rf Dn C 573 L) P6-rf Dn C 573 L) P6-rf Dn C 573 L) P6-rf Dn C 573 L) P7-rf Dn C 573 L) P6-rf Dn C 573 L) P7-rf Dn C 573 L) P6-rf Dn C 573 L) P7-rf Dn C 573 L) P6-rf Dn C 573 L) P7-rf Dn C 573 L) P6-rf Dn C 573 L) P7-rf Dn C 573 L) P6-rf Dn C 573 L) P7-rf Dn C 573 L) P6-rf Dn C 574 L) P	Please anal	yze the enclos	ed environmental samples for:				
Lab No. No./Description PS-rfDn (572L) 7400 773104 P5-rf up (536L) P5-rf up (536L) P5-hoc-T (532L) P5-hoc-T (532L) P5-hoc-T (536L) P6-hoc-T (536L) P7-hoc-T (536L) P6-hoc-T (536L) P7-hoc-T (536L) P6-hoc-T (536L) P7-hoc-T (536L) P6-hoc-T (536L) P7-hoc-T (536L) P6-hoc-T (532L) P7-hoc-T (536L) P6-hoc-T (536L) P7-hoc-T (536L) P6-hoc-T (532L) P6-	Lab Use			Sampling	No.		
PS-rf Dn C 572 L) 7100 7100 7100 7100 7100 7100 7100 710	Only		Field Sample	Date & Time	of		Analysis
P5 - rf Dn (572 L) 79008 7/31/04	Lab No.	· · · · · · · · · · · · · · · · · · ·	No./Description		Cont.		•
P5-rf up (536L) P5-hoe-T (532L) P5-hoe-T (536L) P5-hoe-T (536L) P5-hoe-T (536L) P6 P7-hoe-T (536L) P7-hoe-T (536L) P6 P7-hoe-T (536L) P7-hoe-T (536L) P6 P7-hoe-T (536L) P7-hoe-T (536L) P6		PS-rfDr	~ (572 L) 7/30/0%	7/31/04	2 1	ρЬ	
P5~ hoe-T (\$36L) Pb Index: Cd- detection limit must be below 0.0008 ppm V. CHAIN OF CUSTODY RECORD Dispatched by: Relinquished by: Date Date Date Date Date Courier Co. Name Airbill # Received by: Received by: Received by: Received by: Date Date Custody Seal Intact?							
P5- hoe-T (\$36L) P5- hoe-T (\$36L) Notes: Cd- detection limit must be below 0.0008 ppm V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Received by: Received by: Received by: Custody Seal Intact?		P5 - ho	e-T (532L)			Ph	
notes: Cd- detection limit must be below 0.0008 ppm V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Airbill # Received by: Date Solve Solve Solve Solve Seal Intact?		P5- ho	e-17 (536L)		1		
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Airbill # Received by: Date Date Airbill # Custody Seal Intact?						1-0	
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Airbill # Received by: Date Date Airbill # Custody Seal Intact?							
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Airbill # Received by: Date Date Airbill # Custody Seal Intact?							
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Airbill # Received by: Date Date Airbill # Custody Seal Intact?							
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Airbill # Received by: Date Date Airbill # Custody Seal Intact?							
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Airbill # Received by: Date Date Airbill # Custody Seal Intact?							
Dispatched by: Date Time Courier Co. Name Particular for lab by: Date Date Date Date Time Courier Co. Name Airbill # Custody Seal Intact?	_notes:	Cd- detection I	imit must be below 0.0008 ppn	<u> </u>			
Relinquished by: Date 8-6-08 Time 12:27 Airbill # Date 8/6/6 F Time /22) Custody Seal Intact?	V. CHAIN O	F CUSTODY F	RECORD				
Received by: Date 9-6-08 Time 12:27 Airbill # Date 9-6-08 Time 12:27 Custody Seal Intact?	Dispatched by	y:		Date	Time		Courier Co. Nomo
Received by: Clary Date \$ (6/s 5 Time /22) Custody Seal Intact?	Relinguished	hur			40	127	
Beseived faulth him		ν //	/	Date 2 6 00	fime (Z	/	Airbill #
Received for lab by: Date Time Yes No	Received by:	el ally		Date /6/t 5	Time /	-27	Custody Seal Intact?
	Received for I	lab by:		Date	Time		Yes No

Lab Set ID: _

Samples Were:			COC Ta			. 4	Contair	ier Type:				No	o. Rec.	
☐ Shipped By:		,	Prese	nt on Out	er Packa	ige	□AWA	L Supplied P	lastic					
Mand Delivered]	es M No	□ N/A	Ą	□AWA	L Supplied C	clear Gla	SS			· .	
Ambient			Unbro	ken on Ou	iter pack	cage	□AWA	L Supplied A	mber G	lass				
☐ Chilled]	es 🗆 No) BP N/A	A .	□AWA	L Supplied V	OA/TO	C/TOX V	Vials .			
Temperature	22.4 °C		Pı	esent on S	Sample	,	☐ Ambe	r 🗆 Clean 🗆	Headspa	ace 🗆 No	Headspa	ıce		
Rec. Broken/Leak	ing □ Yes V No	□ N/A] - DY	es p⊅No		4	□ Non A	WAL Suppl	ied Cont	ainer			•	
Notes:	/		Un	broken on	Sample	,	Notes:	. 10	50					
			□ Y	es □No) 	4		•						
Properly Preserved	d Ø Yes □No	□ N/A	Notes:	4			7							
Notes:			1		1			· .		ų.		•		
	. '													
Rec. Within Hold	DXYes □ No						Discrep	ancies Betw	een Lab	els and (COC		Yes	ΠNο
Notes:							Notes:							•
								. ·						
	•	1										•		
	 		<u> -</u>			,	<u> </u>	•						
Bottle Type	Preservative	All pHs OK		1					1	1	1	1	· ·	T
Ammonia	pH <2 H ₂ SO ₄	All pris OK			· ·				:	 			 	·
COD	pH <2 H ₂ SO ₄	 	- 								· ·			
Cyanide	PH >12 NaOH		\	-	····			·			-			
Metals	pH <2 HNO ₃		\	1										
NO ₂ & NO ₃	pH <2 H ₂ SO ₄		$\overline{}$											
Nutrients	pH <2 H ₂ SO ₄		<u> </u>		*									
0 & G	pH <2 HCL													
Phenols	pH <2 H ₂ SO ₄											1.5		
Sulfide	pH > 9NaOH, ZnAC													
TKN	pH <2 H ₂ SO ₄													
TOC	pH <2 H ₃ PO ₄										;			
T PO ₄	pH <2 H ₂ SO ₄			<u> </u>						<u>'</u>				
TPH	pH <2 HCL													
<u> </u>														
				$\perp \downarrow \downarrow$. "								<u> </u>	
				\										
<u> </u>					لرو								<u></u>	<u> </u>
Procedure: 1	Pour sample from l	nt of sample in the sam Lid gently over wide ran	nge pH paper		ード ノ	•	.*		٠.			•		

Do Not dip the pH paper in the sample bottle or lid
If sample is not preserved properly list its extension and receiving pH in the appropriate column above
Flag COC and notify client for further instructions
Place client conversation on COC
Samples may be adjusted at client request 3) 4) 5) 6) 7)



September 11, 2008

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

463 West 3600 South Salt Lake City, Utah 84115

TEL: (435) 608-0954 FAX: (435) 615-1239

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L86207

(801) 263-8686 Toll Free (888) 263-8686 American West Analytical Labs received 3 samples on 9/9/2008 for the analyses presented in the following report.

Fax (801) 263-8687 e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director

Thank you.

Jose Rocha **QA** Officer

Laboratory Director or designee

Report Date: 9/11/2008 Page 1 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL **LABORATORIES** Lab Sample ID: L86207-01A

Field Sample ID: SL-12D

Collected: 9/8/2008 Received: 9/9/2008

TOTAL METALS

Reporting Date Method Analytical **Analytical Results** Limit Units Analyzed Results Used mg/kg-dry 9/10/2008 4:19:00 PM Arsenic 6010B 6.1 16 mg/kg-dry 9/10/2008 4:19:00 PM Lead 6010B 6.1 18

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha **QA** Officer

> > > Report Date: 9/11/2008 Page 2 of 8



Client:

Arsenic

Lead

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L86207-02A

Field Sample ID: CV-RFT - West Cover Import

Units

mg/kg-dry

mg/kg-dry

9/10/2008 4:35:00 PM

Collected: 8/14/2008 Received: 9/9/2008

TOTAL METALS
Analytical Results

Date Method Reporting Analytical Analyzed Used Limit Results

9/10/2008 4:35:00 PM 6010B 5.6 7.3

5.6

21

6010B

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 9/11/2008 Page 3 of 8



Client:

Lead

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson

AMERICAN WEST ANALYTICAL

LABORATORIES

Lab Sample ID: L86207-03A

Field Sample ID: CV-RFT - East Cover Import

Collected: 8/14/2008 Received: 9/9/2008

TOTAL METALS

Reporting Analytical Date Method Limit Results **Analytical Results** Units Analyzed Used mg/kg-dry 9/10/2008 4:39:00 PM 6010B Arsenic 5.5 < 5.5 mg/kg-dry 9/10/2008 4:39:00 PM 6010B 5.5 9.3

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha **QA** Officer

> > > Report Date: 9/11/2008 Page 4 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86207

SampType: LCS

Project: Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-42322	Arsenic	mg/kg	6010B	20.10	20	0	101	75-125			9/10/2008
LCS-42322	Lead	mg/kg	6010B	19.75	20	0	98.8	75-125			9/10/2008

Report Date: 9/11/2008 Page 5 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order: L86207

Richardson Project:

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-42322 MB-42322	Arsenic Lead	mg/kg	6010B 6010B	< 5.0 < 5.0	•			-				9/10/2008
N1D-42322	Leau	mg/kg	00100	< 3.0				-				9/10/2008

Report Date: 9/11/2008 Page 6 of 8



463 West 3600 South
Salt Lake City, Utah 84115
Foll Free (888) 263-8686 Fax (8

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86207

SampType: MS

Project:

Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
L86207-01AMS	Arsenic	mg/kg-dry	6010B	42.30	23.75	15.54	113	75-125		•	9/10/2008
L86207-01AMS	Lead	mg/kg-dry	6010B	36.32	23.75	17.56	79.0	75-125			9/10/2008

Report Date: 9/11/2008 Page 7 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order: L86207

Project:

Richardson

SampType: MSD

Sample ID	Analyte	Unit	s Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
L86207-01AMSD L86207-01AMSD			kg-dry 6010B kg-dry 6010B	41.93 36.52	24.11 24.11	15.54 17.56	109 78.7	75-125 75-125	0.864 0.548	20 20	9/10/2008 9/10/2008

Report Date: 9/11/2008 Page 8 of 8

American West Analytical Labs

WORK ORDER Summary

09-Sep-08

Work Order L86207

Client ID:

UNI100

QC Level: 2+

Project:

Richardson

Location:

Contact: Kerry Gee

Comments:

QCLevel: 2+. E-Mail two people.

Hoksp

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86207-01A	SL-12D	9/8/2008	9/9/2008	9/23/2008	Soil	3051A-ICPMS	sept 9 - metals	1
	1 20 000 000 000 000			9/23/2008		ICP-S	sept 9 - metals	.1
				9/23/2008		PMOIST	sept 9 - metals	1
L86207-02A	CV-RFT - West Cover In	port 8/14/2008		9/23/2008		3051A-ICPMS	sept 9 - metals	1
				9/23/2008		ICP-S	sept 9 - metals	1
				9/23/2008		PMOIST	sept 9 - metals	1
L86207-03A	CV-RFT - East Cover Im	port		9/23/2008		3051A-ICPMS	sept 9 - metals	1
				9/23/2008		ICP-S	sept 9 - metals	1
				9/23/2008		PMOIST	sept 9 - metals	. 1

RMC

Laboratory Services Request Form

I. CLIENT INFO	ORMATION						SEND REQUEST	'S TO:
		UNITED PARK (American West	· · · · · · · · · · · · · · · · · · ·
Client Addres	ss:	PO BOX 1450 PA	ARK CITY, U	JT 84060			Analytical Labor	ratories
							463 W. 3600 Sou	
		435-608-0954					Salt Lake City,	, UT
		435-615-1239				Manager and the second	84115	
		ON						
Account Nam							Patrick Noteboor	m
Sample Ques	stion <u>s-</u>	Todd Leeds R	MC- 801-255	5-2626			Phone # (801) 75	0-2585
TAT: 5	tanlard	i			, i (١	Fax (801)-263-86	87
				_P.O. No: -	<u>Lìchard</u>	<u>lson</u>		
III. REPORT IN	in the second se							
Report Result	ts 10:	KERRY GEE- U	PCM AND TO	<u> DDD LEEDS - R</u>	MC FAX-2	55-3266		
Report Addres	:SS:	PO BOX 1450 PARK	CITY UT 84060	AND TODD LEEDS	, RMC, 8138	S. STATE ST., STE	E 2A, MIDVALE UT 8404	47
Please Forwa	ard Results B	3y: U	JS Mail(X)	Fed Ex ()	Fax	(X) Othe	Todd@rmc-ut.com	<u> </u>
Services Req	uested belov	w are required no	later than				(date)	2200
IV. TYPE OF S								
Lab Use	the enclose	ed environmental	samples for:			Τ		
Lab Use Only		F121.0		Sampling	No.		,	
Lab No.	1	Field Sample		Date & Time	of		Analysis	
		No./Description		0 0 0 0 0	Cont.		Requested	
	12-12D	- Liech C		9-8-2008		Pb +	<u>As</u>	
	/ - DET	- West Cover - East Cover	Import	8-14-2008	+			
	Kri -	- East Cover	Import	- Ψ		<u> </u>		
						 		· · · · · · · · · · · · · · · · · · ·
					_	 		
						 		
						<u> </u>		
notes:						<u> </u>		
V. CHAIN OF C	USTODY R	FCORD.						
Dispatched by:				090	en ,	1115/2		
	<u>'[][] YOL</u>	fancar)		Date 9-7-0	Time /	1:42 Am	Courier Co. Name	
Relinquished by:				Date	Time		Airbill #	
Received by:				Date	Time		Custody Seal Intact?	
Received for lab b	by: Domi	ise Bruin	~	Date 9/9/98	Time []	1:42 am	Yes	No
	7			1700		TOOK	700	140

Lab Set ID:	86207

Samples Were:			COC Tape Was:					Container Type:					- N	o. Rec.	
☐ Shipped By:					ıter Pacl	kage		AWAL S		Plastic					
Hand Delivered			ОΥ	es ₫⁄ĭ	vo □N	/A	_	AWAL S			ass .			/	
☑ Ambient			Unbro	ken on C	uter pac			AWAL S							
☐ Chilled			- □ Y		10 QN			AWAL S				Vials /	$\overline{}$		
Temperature	20 °C /				Sample			Amber □					ace		
Rec. Broken/Leak	ing DYes No	□ N/A						Non AW.				Pilodasp	400		
Notes:	<u> </u>				on Sampl			otes:	·	1100 0011	tarror				
	/		□ Ye				^ `	0 1001							
Properly Preserve	d □Yes □No	□ N/A	Notes:											•	
Notes:		<u> </u>	1			,			,					# 	
						•		<i>/</i>							
Rec. Within Hold	ĽYes □No]				D	iscrepanc	ies Betw	een Lab	els and	COC		Yes	Ø No
Notes:								otes:	• • •		<u>i.</u>				
,									. i						
							ŀ			DB					
L										, .					
Bottle Type	Preservative	A 11 TT OTC	· · · · · ·	γ	7	·			-/_		· · · · · · · · · · · · · · · · · · ·			·	·
Ammonia	pH <2 H ₂ SO ₄	All pHs OK				-			1	ļ		<u> </u>	ļ	-	<u> </u>
COD	pH <2 H ₂ SO ₄ pH <2 H ₂ SO ₄		*			ļ ļ								<u> </u>	
Cyanide	PH >12 NaOH			-	<u> </u>	-	_/	4			1.7	ļ ·	 	· ·	
Metals	pH <2 HNO ₃								 	· · · · ·			 	ļ., <u>.</u>	· · · · · · · · ·
NO ₂ & NO ₃	pH <2 H ₂ SO ₄			+	 							i i			
Nutrients	pH <2 H ₂ SO ₄									<u> </u>		ļ			-
O & G	pH <2 HCL				1	 								-	-
Phenols	pH <2 H ₂ SO ₄		\top										 		
Sulfide	pH > 9NaOH, ZnAC			<u> </u>	+			+				4 .	+	 	
TKN	pH <2 H ₂ SO ₄				<u> </u>	- - - - - - - -	<u> </u>		<u> </u>				 	-	
TOC	pH <2 H ₃ PO ₄		,							ļ ·	<u> </u>		 	-	
T PO ₄	pH <2 H ₂ SO ₄	<i></i>			 		.			ļ			 	: "	
TPH	pH <2 HCL														
					•										
Procedure: 1		nt of sample in the sam id gently over wide rar			;							•			
2 3) Do Not dip the pH r	nd gently over wide rar paper in the sample bo	ige pri paper ittle or lid												
4) If sample is not pres	served properly list its	extension and	receiving	pH in the	appropriate	colum	in above							
5 6) Flag COC and notif	y client for further instr	uctions				* - *								
. 7) Place client convers) Samples may be ad	sation on COC ljusted at client reques	f	•						•					
	,	, at onone to quo	•		•										



September 29, 2008

AMERICAN WEST ANALYTICAL LABORATORIES

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

TEL: (435) 608-0954

463 West 3600 South Salt Lake City, Utah

FAX: (435) 615-1239

84115 RE: Richardson

Lab Set ID: L86545

Dear Kerry Gee:

American West Analytical Labs received 4 samples on 9/24/2008 for the analyses presented in the following report.

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director Thank you.

Jose Rocha QA Officer

Approved by:

Laboratory Director or designee

Report Date: 9/29/2008 Page 1 of 6



463 West 3600 South

Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

CLIENT:

United Park City Mines Co.

Contact:

Kerry Gee

Lab Order:

Project:

L86545

Richardson

Date Received:

9/24/2008

Lead				Method		Reporting		
Lab Sample ID	Sample ID	Date Sampled	Date Analyzed	Used	Units	Limits	Analytical Result	
L86545-01A	SD-SDD-6	9/23/2008	9/25/2008 7:29:00 PM	6010B	mg/kg-dry	5.6	100	2
	² - Analyte concentration is too	high for accurate matrix spike recovery a	and/or RPD.					
L86545-02A	SD-SDD-506	9/23/2008	9/25/2008 7:53:00 PM	6010B	mg/kg-dry	5.6	110	
L86545-03A	SD-SDD-9	9/23/2008	9/25/2008 7:57:00 PM	6010B	mg/kg-dry	5	14	
L86545 - 04A	SD-SDD-509	9/23/2008	9/25/2008 8:01:00 PM	6010B	mg/kg-dry	5.1	13	

Report Date: 9/29/2008 Page 2 of 6



463 West 3600 South

Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86545

Project:

Richardson

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-42588	Lead	mg/kg	6010B	21.66	20	0.143	108	75-125				9/25/2008

Report Date: 9/29/2008 Page 3 of 6



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Work Order: L8

L86545

Project:

Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
MB-42588	Lead	mg/kg	6010B	< 5.0				-			9/25/2008

Report Date: 9/29/2008 Page 4 of 6



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86545

SampType: MS

Project:

Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86545-01AMS	Lead	mg/kg-dry	6010B	109.4	22.76	100.7	38.2	75-125			2	9/25/2008

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

Report Date: 9/29/2008 Page 5 of 6



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86545

Project:

Richardson

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86545-01AMS	D Lead	mg/kg-dry	6010B	144.8	22.67	100.7	195	75-125	27.9	20	2	9/25/2008

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

Report Date: 9/29/2008 Page 6 of 6

American West Analytical Labs

WORK ORDER Summary

24-Sep-08

Work Order L86545

Client ID:

UNI100

QC Level: 2+

Project:

Richardson

Location:

Contact: Kerry Gee

Comments:

QCLevel: 2+. E-mail two people.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86545-01A	SD-SDD-6	9/23/2008	9/24/2008	10/8/2008	Soil	3051A-ICPMS	sept 24 - metals	1
				10/8/2008		ICP-S	sept 24 - metals	1
				10/8/2008		PMOIST	sept 24 - metals	1
L86545-02A	SD-SDD-506	···		10/8/2008		3051A-ICPMS	sept 24 - metals	1
				10/8/2008		ICP-S	sept 24 - metals	1
				10/8/2008		PMOIST	sept 24 - metals	1
L86545-03A	SD-SDD-9			10/8/2008		3051A-ICPMS	sept 24 - metals	1
	· · · · · · · · · · · · · · · · · · ·			10/8/2008		ICP-S	sept 24 - metals	1
				10/8/2008		PMOIST	sept 24 - metals	. 1
L86545-04A	SD-SDD-509			10/8/2008		3051A-ICPMS	sept 24 - metals	1
				10/8/2008		ICP-S	sept 24 - metals	1
				10/8/2008		PMOIST	sept 24 - metals	1

RMC

86545

Laboratory Services Request Form

I. CLIENT II	NFORMATION						SEND REQUESTS	TO:
Client Nan	ne:	UNITED PARK	CITY MINES				American West	
Client Add	ress:	PO BOX 1450	PARK CITY, U	T 84060			Analytical Labora	atories
							463 W. 3600 Sout	h
1		435-608-0954		-			Salt Lake City,	UT
		<u>435-615-1239</u>	THE STATE OF THE PARTY OF THE P			100110011001100100100100100100100100100	84115	
B)		ION						
	ame:						Patrick Noteboon	n
		Todd Leeds	RMC- 801-255	5-2626		17,17	Phone # (801) 750)-2585
TAT:	Standa			D			Fax (801)-263-86	87
				<u>P.O. No: 2</u>	<u>Ch ard</u>	son		
	The state of the s	NS						
				ODD LEEDS - RM				
	rward Results						2A, MIDVALE UT 8404	
		ъу. ow are required i			Fax (X) Othe	Todd@rmc-ut.com	
		EQUESTED	tiitiitiitiitiitiitiitiitiitiitiitiitii				(date)	
		ed environment						
Lab Use	<u> </u>	ed chiviloninent	ar samples for.	Sampling	No.			
Only		Field Sample		Date & Time	of		Analysis	
Lab No.		No./Description	1	Bute a Time	Cont.		Analysis Requested	
- I management in management	SD - SDD			9-23-2008		Pb	requested	
	2D - 2DD			1	<u>'</u>	1		
	SD-SDD							
	5D-500			1		4		
			-					
			-					
	·							
							-	
_notes: V. CHAIN C	F CUSTODY F	RECORD						
Dispatched b	y:	•		Date	Time	and the second s	Courier Co. Name	
Relinquished			$\overline{}$	9 - 1		2:16		
						2.10	Airbill #	
Received by:	1)0	~, D.		Date	Time		Custody Seal Intact?	
Received for	lab by:	uslpri	in	Date 24 08	Time	2:16	Yes	No

Lab Set ID:	8654	5

Samples Were:					COC Tape V	Was:			Container Type: No. Rec.
☐ Shipped By:					Present	on Oute	r Package	,	□ AWAL Supplied Plastic
☐ Ḥand Delivered					☐ Yes	1 No	□ N/A		□ AWAL Supplied Clear Glass
					Unbroken	on Out	er packag	ge	□ AWAL Supplied Amber Glass
☐ Chilled					☐ Yes	□No	ÓN/A		☐ AWAL Supplied VOA/TOC/TOX Vials
Temperature 22	°C				Prese	ent on S	ample		☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace
Rec. Broken/Leaking	□ Yes	<u> </u>	□ N/A		□ Yes	Ľ No	□ N/A		□ Non AWAL Supplied Container
Notes:					Unbro	ken on S	Sample		Notes:
			· .		☐ Yes	□No	□N/A		
Properly Preserved	ĽPÝes	□No	□ N/A		Notes:				
Notes:									
	· /							-	/
Rec. Within Hold	Ľ Yes	□No] .				Discrepancies Between Labels and COC ☐ Yes ☐ No
Notes:									Notes:
						·			
	*								
	· · ·					<u> </u>			<u> </u>
Bottle Type Pre	servative		AllnHs	OK	1	1			

Bottle Type	Preservative	All pHs OK						1.	Τ .		T		İ		1
Ammonia	pH <2 H ₂ SO ₄	1			1		1 -			1.3				<u> </u>	
COD	pH <2 H ₂ SO ₄						.	1						† · · ·	
Cyanide	PH >12 NaOH						1	1 1 1							
Metals	pH <2 HNO₃														1
NO ₂ & NO ₃	pH <2 H ₂ SO ₄														-
Nutrients	pH <2 H ₂ SO ₄						1		<u></u>					<u> </u>	
O & G	pH <2 HCL			4		· · ·			-			<u> </u>	1	1	
Phenols	pH <2 H ₂ SO ₄			,								٠.			
Sulfide	pH > 9NaOH, ZnAC							1						1	
TKN	pH <2 H ₂ SO ₄				1			.						1	-
TOC	pH <2 H ₃ PO ₄							1					· :	1	
T PO ₄	pH <2 H ₂ SO ₄		-			<u> </u>							<u> </u>	† · · · · · · · · · · · · · · · · · · ·	1
TPH	pH <2 HCL										_			1	1
														1	
								1	<u> </u>						
				1		-									-
														 	

Procedure:

1) 2) 3) 4) 5) 6)

- Pour a small amount of sample in the sample lid
 Pour sample from Lid gently over wide range pH paper
 Do Not dip the pH paper in the sample bottle or lid
 If sample is not preserved properly list its extension and receiving pH in the appropriate column above
 Flag COC and notify client for further instructions
 Place client conversation on COC

- Samples may be adjusted at client request



October 01, 2008

AMERICAN WEST ANALYTICAL LABORATORIES

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

TEL: (435) 608-0954

463 West 3600 South Salt Lake City, Utah

FAX: (435) 615-1239

84115

RE: Richardson Flat

Dear Kerry Gee:

Lab Set ID: L86630

American West Analytical Labs received 4 samples on 9/29/2008 for the analyses presented in the following report.

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director Thank you.

Jose Rocha QA Officer

Approved by:

Laboratory Director or designee

Report Date: 10/1/2008 Page 1 of 8



Client:

Lead

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST ANALYTICAL

LABORATORIES

Lab Sample ID: L86630-01A

Field Sample ID: RFA-D8 (730 liters)

Collected: 9/17/2008 Received: 9/29/2008

TOTAL METALS

Date

9/29/2008 5:21:12 PM

Method Reporting

0.000050

Analytical

0.00061

Analytical Results

Units

mg/sample

Analyzed U

Used 6020 Limit Results

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 10/1/2008 Page 2 of 8



Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST ANALYTICAL

LABORATORIES

Lab Sample ID: L86630-02A

Field Sample ID: RFA-3 (766 liters)

Collected: 9/17/2008 Received: 9/29/2008

TOTAL METALS

Date Method Analyzed Used

Reporting Analytical Limit Results

Analytical Results

Lead

Units

mg/sample

9/29/2008 5:37:21 PM

6020 0.000050 < 0.000050

463 West 3600 South Salt Lake City, Utah

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 10/1/2008 Page 3 of 8



Client:

Lead

United Park City Mines Co.

mg/sample

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L86630-03A

Field Sample ID: RFA-1 (710 liters)

Collected: 9/17/2008 Received: 9/29/2008

TOTAL METALS

Analytical Results

Date Method Reporting Analytical
Analytical Results

Units Analyzed Used Limit Results

6020

0.000050

0.00013

9/29/2008 5:42:45 PM

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 10/1/2008 Page 4 of 8



Client:

Lead

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST Lab Sample ID: L86630-04A

Field Sample ID: RFT-A1 (770 liters)

ANALYTICAL LABORATORIES

Collected: 9/17/2008 Received: 9/29/2008

TOTAL METALS

Date Method

Reporting Analytical

Analytical Results

Units

mg/sample

Analyzed Used

9/29/2008 5:48:08 PM

ed Limit

0.000050

6020

Results

0.000055

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 10/1/2008 Page 5 of 8



463 West 3600 South Salt Lake City, Utah 84115

Salt Lake City, Utah 84115 (801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86630

SampType: LCS

Project:

Richardson Flat

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-42643	Lead	mg/L	6020	0.1872	0.2	0	93.6	85-115			9/29/2008

Report Date: 10/1/2008 Page 6 of 8



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86630

Project:

Richardson Flat

SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-42643	Lead	mg/L	6020	0.1896	0.2	0	94.8	85-115	1.23	20		9/29/2008

LCSD-42643: Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide prescision data.

Report Date: 10/1/2008 Page 7 of 8



463 West 3600 South

Salt Lake City, Utah 84115 (801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86630

Project:

Richardson Flat

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
MB-42643	Lead	mg/L	6020	< 0.00010				•			9/29/2008

Report Date: 10/1/2008 Page 8 of 8

American West Analytical Labs

WORK ORDER Summary

29-Sep-08

Work Order L86630

Client ID:

UNI100

QC Level: 2+

Project:

Richardson Flat

Location:

Contact: Kerry Gee

Houses

Comments:	QCLevel:2+; E-mail tw	vo people.	HUKSPS					<u>0</u> 6
Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86630-01A	RFA-D8 (730 liters)	9/17/2008	9/29/2008	10/13/2008	Filter	3051A-ICPMS	desicator	1
				10/13/2008		6020-S	desicator	1
L86630-02A	RFA-3 (766 liters)			10/13/2008	•	3051 A-ICPMS	desicator	1
				10/13/2008		6020-S	desicator	1
L86630-03A	RFA-1 (710 liters)			10/13/2008		3051A-ICPMS	desicator	1
			•	10/13/2008		6020-S	desicator	1
L86630-04A	RFT-A1 (770 liters)			10/13/2008		3051A-ICPMS	desicator	1
				10/13/2008		6020-S	desicator	1

RMC

Laboratory Services Request Form

I. CLIENT IN	NFORMATION					SEND REQUESTS TO:
Client Nan	ne:	UNITED PARK CITY MINES	3			American West
Client Add	ress:	PO BOX 1450 PARK CITY,	UT 84060			Analytical Laboratories
						463 W. 3600 South
Client Pho	ne:	435-608-0954				Salt Lake City, UT
Client Fax	·	435-615-1239				84115
II. ACCOUN	IT INFORMAT	ION				
Account N	ame:	RIChurdson	Flc)		7-71-51	Patrick Noteboom
Sample Q	uestion <u>s-</u>	Todd Leeds RMC- 801-25	55-2626			Phone # (801) 750-2585
TAT:	Stando	(-()	50.11 Ω)	1 1	Fax (801)-263-8687
	11.00		_P.O. No: R	Chor	150- FILT	
		DNS				
		KERRY GEE- UPCM AND				
		PO BOX 1450 PARK CITY UT 8400				
		By: US Mail (X				
Services F	kequested belo	ow are required no later than .			(1907) (48.75 (1.1.144)	(date)
		EQUESTED				
	yze the enclos	sed environmental samples for		 		
Lab Use			Sampling	No.		
Only	•	Field Sample	Date & Time	of		Analysis
Lab No.	n I A	No./Description	- Chi-	Cont.		Requested
		P4 (730 liters)	9/17/08		1 Lead	··.
	RFA -	3 (766 liters)	-			
	KHH-	1 (710 liters)				
	RFT-	A1 (770 liters)	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	V	V	
	· · · · · · · · · · · · · · · · · · ·		3			
		····				
						È
_notes: [V. CHAIN O	F CUSTODY I	- RECORD		. Riditelje	Garandari destada	
Dispatched by		ALCOND : A ALCOND				
			Date	Time		Courier Co. Name
Relinquished	by:	ree	_ Date 9-29-08	Time	12:30	Airbill #
Received by:	//	- ()	Date	Time		Custody Seal Intact?
Received for	lab by: 🔎	nise Brun	Date 9 29 08	Time	12:30	Yes No

Lab Set ID:	86630	٠.

																P
Samples Were:		· -		COC Ta	pe Was:				Container	Type:				· N	o. Rec.	
☐ Shipped By:				Prese	nt on Oy	iter Pack	tage		D AWAL S	Supplied I	Plastic				7.	
M Hand Delivered				□Y	es ⊠1	lo □N	/A	Γ	□ AWAL S	Supplied (Clear Gla	ass :			-	
☑ Ambient	• •			Unbro	ken on C	uter pag	kage		□ AWAL S							
☐ Chilled				ПΥ		- /			□ AWAL S				Vials			
Temperature 2	4.8 °C			P		Sample			□ Amber □				•	ace .		
Rec. Broken/Leak		□ N/A		□ Y		, -			□ Non AW.				Troudop			•
Notes:				Un		n Sampl	e		Notes:							
,				□ Y		~										
Properly Preserved	d □Yes □No	□ N/A		Notes:												
Notes:						:					•		•	•		•
													•		•	,
Rec. Within Hold				•					Discrepano	ies Betw	een Lab	els and	COC		Yes	₽No '
Notes:				•			•		Notes:							
													•			
,													1	•		
												<u> </u>				
D 41 T	[]	11 TT OTT			· · ·					pb.	1	1		•		
Bottle Type	Preservative	All pHs OK					ļ <u> </u>			4		ļ			ļ	* * .
Ammonia	pH <2 H ₂ SO ₄										1 3		`		ļ.,	
COD	pH <2 H ₂ SO ₄														·	
Cyanide	PH >12 NaOH											1.				
Metals	pH <2 HNO ₃				_			ľ								
NO₂ & NO₃	$pH < 2H_2SO_4$		•											1		
Nutrients	pH <2 H ₂ SO ₄															
0&G	pH <2 HCL				174	1:		_						Q %.		
Phenols	pH <2 H ₂ SO ₄															
Sulfide	pH > 9NaOH, ZnAC									1						
TKN	pH <2 H ₂ SO ₄				1											-
TOC	pH <2 H ₃ PO ₄					1				<u> </u>	1				 	
T PO ₄	pH <2 H ₂ SO ₄					1	<u> </u>			 					T	
TDLI	הע כן עכו				· · · · ·	 				+		 	-	<u> </u>	 	

Procedure:

1) 2) 3) 4) 5) 6) 7)

Pour a small amount of sample in the sample lid
Pour sample from Lid gently over wide range pH paper
Do Not dip the pH paper in the sample bottle or lid
If sample is not preserved properly list its extension and receiving pH in the appropriate column above
Flag COC and notify client for further instructions
Place client conversation on COC
Samples may be adjusted at client request



October 06, 2008

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

463 West 3600 South Salt Lake City, Utah TEL: (435) 608-0954 FAX: (435) 615-1239

84115

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L86672

American West Analytical Labs received 3 samples on 9/30/2008 for the analyses presented in the following report.

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross Laboratory Director

Thank you.

Jose Rocha QA Officer

Approved by

Laboratory Director or designee

Report Date: 10/6/2008 Page 1 of 6



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

CLIENT:

United Park City Mines Co.

Contact:

Kerry Gee

Lab Order:

Project:

L86672

Richardson

Date Received:

9/30/2008

Lead				Method		Reporting		
Lab Sample ID	Sample ID	Date Sampled	Date Analyzed	Used	Units	Limits	Analytical Result	·
L86672-01A	SL-13E	9/30/2008	10/2/2008 6:43:00 PM	6010B	mg/kg-dry	5.5	160	2
	² - Analyte concentration is too l	high for accurate matrix spike recovery	and/or RPD.					
L86672-02A	SDD-12	9/30/2008	10/2/2008 6:59:00 PM	6010B	mg/kg-dry	7.6	97	
L86672-03A	SL-5013E	9/30/2008	10/2/2008 7:03:00 PM	6010B	mg/kg-dry	5.4	48	

Report Date: 10/6/2008 Page 2 of 6



463 West 3600 South
Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86672

Project:

Richardson

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-42691	Lead	mg/kg	6010B	21.18	20	0.1464	105	75-125			10/2/2008

Report Date: 10/6/2008 Page 3 of 6



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86672

Project:

Richardson

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualific	Analysis ers Date
MB-42691	Lead	mg/kg	6010B	< 5.0				-			10/2/2008

Report Date: 10/6/2008 Page 4 of 6



463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86672

SampType: MS

Project:

Richardson

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86672-01AMS	Lead	mg/kg-dry	6010B	85.75	22.06	160.4	-338	75-125			2	10/2/2008

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

Report Date: 10/6/2008 Page 5 of 6



463 West 3600 South Salt Lake City, Utah 84115 (801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:
Work Order:

United Park City Mines Co.

L86672

Project:

Richardson

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86672-01AMS	D Lead	mg/kg-dry	6010B	109.0	21.56	160.4	-238	75-125	23.8	20	2	10/2/2008

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

Report Date: 10/6/2008 Page 6 of 6

American West Analytical Labs

WORK ORDER Summary

30-Sep-08

Work Order L86672

Client ID:

UNI100

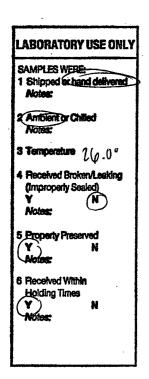
QC Level: 2+

Project: Richardson Location:

Contact: Kerry Gee

Comments: QCLevel: 2+.

Comments:	QCLevel: 2+.			HOK-DB				\$
Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86672-01A	SL-13E	9/30/2008	9/30/2008	10/14/2008	Soil	3051A-ICPMS	sept 30 - metals	1
				10/14/2008		ICP-S	sept 30 - metals	1
				10/14/2008		PMOIST	sept 30 - metals	1
L86672-02A	SDD-12			10/14/2008		3051A-ICPMS	sept 30 - metals	1
				10/14/2008		ICP-S	sept 30 - metals	1
				10/14/2008		PMOIST	sept 30 - metals	1
L86672-03A	SL-5013E	:		10/14/2008		3051A-ICPMS	sept 30 - metals	1
				10/14/2008		ICP-S	sept 30 - metals	1
				10/14/2008		PMOIST	sept 30 - metals	1
		· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·		



RMC

Laboratory Services Request Form

Client Name: Client Address: Client Address: Client Phone: Client Fax: Client	I. CLIENT INF	ORMATION	Jn: Fel	Park				SEND REQUESTS	: TO:
Client Phone: Client Phone: Client Fax: Analytical Laboratories 463 W. 3600 South Salt Lake City, UT 84115 Account Name: Sample Questions-	Client Name:	:				<u>Pa mua</u>			5 10:
Client Phone: Client Fax: Liad Count Information Account Name: Sample Questions. Todd Leeds RMC-801-255-2626 TAT: TAT: TODD LEEDS RMC FAX-255-3266 Report Results To: TODD LEEDS RMC, 8138 S. STATE ST., STE. 2A. MIDVALE, UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@rmc-ut.com (date) WITTE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Liab Use Only Field Sample Date & Time Cont. Requested SL-13 E 1-70-09 1 Pb SL-5013 E Analysis Requested by: Date Time Courier Co. Name Arbitl # Arbitl								1 ^	torios
Client Phone: Client Fax: BACCOUNT INFORMATION Account Name: Sample Questions- Todd Leeds RMC-801-255-2626 TAT: Stanlar PO. No: Report Results To: TODD LEEDS - RMC FAX-255-3266 Report Address: TODD LEEDS - RMC 8138 S. STATE ST. STE. 2A MIDVALE, UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@mc-ut.com Services Requested below are required no later than (date) W. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: ILED USE OHY Field Sample Date & Time SL - 13 E 4-70-08 1 Pb SD - 12 SL - 5013 E Date Time Courier Co. Name Arbitli # Reinquished by: Date Patrick Noteboom Phone # (801) 750-2585 Fax (801)-263-8687	ł					·		•	
Client Fax: ### ACCOUNT INFORMATION Account Name: Sample Questions: Todd Leeds RMC-801-255-2626 TAT: Standard PO. No. Patrick Noteboom Phone # (801) 750-2585	Client Phone	e:	01 00.						
ACCOUNT INFORMATION ACCOUNT Name: Sample Questions- Todd Leeds RMC-801-255-2626 TAT: Stanlard P.O. No: REPORT INSTRUCTIONS Report Results To: TODD LEEDS - RMC FAX-255-3266 Report Address: TODD LEEDS - RMC FAX-255-3266 Report Results By: US Mail (X) Fed Ex () Fax () Other Todd@rmc-ut.com (date) WITH TOTAL REPORT REQUESTED Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@rmc-ut.com (date) WITH TOTAL REPORT REQUESTED Please analyze the enclosed environmental samples for: Lab Use					-				01
Sample Questions- Todd Leeds RMC-801-255-2626 TAT: Stankard PO. No: Fax (801)-263-8687 TAT: Stankard PO. No: Fax (801)-263-8687 Report Results To: TODD LEEDS - RMC FAX-255-3266 Report Address: TODD LEEDS, RMC, 8138 S. STATE ST., STE. 2A, MIDVALE, UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@rmc-ut.com Services Requested below are required no later than (date) W. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis SL- 17 E 9-08 1 Pb SDD - (2 SL - 5013 E 9-70-08 1 Pb Todes: Todd Leeds RMC-801-255-2626 Phone # (801) 750-2685 Fax (801)-263-8687 Fax (801)-2	II. ACCOUNT	INFORMATIO	И		_			04110	
Sample Questions Todd Leeds RMC-801-255-2626 TAT: Stanlard PO. No: Richards Fax (801)-263-8687 TAT: Stanlard PO. No: Richard PO. No: Richards Fax (801)-263-8687 TAT: Stanlard PO. No: Richard PO	Account Nan	ne:		ministration and a second				Patrick Noteboom	,
TAT: Stanlard P.O. No. Report INSTRUCTIONS Report Results To: TODD LEEDS - RMC FAX-255-3266 Report Address: TODD LEEDS - RMC 8138 S. STATE ST., STE. 2A, MIDVALE, UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@mc-ut.com (date) No. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use ON Description SL-13E 9-70-08 1 Pb SDD-12 5L-5013E 9-70-08 1 Pb Time Courter Co. Name Relinquished by: Date 9-30-08 Time (6:10 Airbill #	Sample Que	estion <u>s-</u>	odd Leeds	RMC- 801-255	5-2626				
III. REPORT INSTRUCTIONS Report Results To: TODD LEEDS - RMC FAX-255-3266 Report Address: TODD LEEDS - RMC, 8138 S. STATE ST., STE. 2A, MIDVALE, UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@mc-ut.com Services Requested below are required no later than (date) W. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested \$L-13 E	i					Richard	Jen 21 +		
Report Results To: TODD LEEDS - RMC FAX-255-3266 Report Address: TODD LEEDS, RMC, 8138 S. STATE ST., STE. 2A, MIDVALE, UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested \$L-13E 9-008 Pb \$DD - 12 \$L-5013E V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time (6.1)o Arbill #	TAT:		Standal	- J	P.O. No	: 5	1301 1161	1 ax (001) 200 000	,,
Report Address: TODD LEEDS, RMC, 8138 S. STATE ST., STE. 2A, MIDVALE, UT 84047 Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE/OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time of Analysis Requested \$L- (3 E 9-70-08 1 Pb \$\sum_{\text{PD}} - \text{12} \\ \$\sum_{\text{SD}} - \text{12} \\ \$\sum_{\text{SD}} - \text{12} \\ \$\sum_{\text{SD}} - \text{12} \\ \$\sum_{\text{SD}} - \text{13} E \\ \$\sum_{\text{SD}} - \text{14} \\ \$\sum_{\text{SD}} - \text{15} E \\ \$\sum_{\text{SD}} - \	III. REPORT II	NSTRUCTION	S						
Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample No./Description SL-13 E Q-70-08 1 Pb SDD-12 SL-5013 E Pb Time Cort. Requested Notes: Lower wideling the part of the property of	Report Resu	ılts To:	TODD LEEDS	- RMC FAX-2	55-3266				
Please Forward Results By: US Mail (X) Fed Ex () Fax () Other Todd@rmc-ut.com Services Requested below are required no later than (date) IV. TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample No./Description SL-13 E Q-70-08 1 Pb SDD-12 SL-5013 E Pb Time Cort. Requested Notes: Lower wideling the part of the property of	Report Addre	ess:T	ODD LEEDS,	RMC, 8138 S.	STATE ST., STE	. 2A, MIDV	'ALE, UT 8404	17	
Services Requested below are required no later than (date) IV TYPE OF SERVICE REQUESTED Please analyze the enclosed environmental samples for: Lab Use Only Field Sample No. Date & Time Of Analysis Requested \$L-13 \in 9-70-08 1 Pb \$DD-12									
Please analyze the enclosed environmental samples for: Lab Use Only Field Sample Date & Time Of Analysis Cont. Requested \$L-17E \$\{5D0-12}\$ \$\{5L-5013E}\$ No./Description Pb The property of the enclosed environmental samples for: Analysis Cont. Requested Pb Pc The property of the enclosed environmental samples for: Analysis Cont. Requested Pb Pc The property of the enclosed environmental samples for: Analysis Cont. Requested Pb Pc The property of the enclosed environmental samples for: Analysis Requested The property of the enclosed environmental samples for: Analysis Requested The property of the enclosed environmental samples for: Dispatched by: Date Time Courier Co. Name Airbill #	Services Red	quested below	are required r	o later than _			·		
Lab Use Only Field Sample No./Description SL-13E SDD-12 SL-5013E Pb Totes: OHAIN OF CUSTODLY RECORD Dispatched by: Date Sampling No. Date & Time Of Analysis Requested Pb Analysis Requested Time Cont. Requested Analysis Requested Analysis Requested Analysis Requested Date Time Courier Co. Name Airbill #	IV. TYPE OF S	SERVICE REC	QUESTED						
Only Field Sample Date & Time of Analysis Requested \$L-13E 9-70-08 1 Pb \$DD-12	Please analyz	e the enclosed	d environmenta	al samples for:					
Lab No. No./Description Cont. Requested \$L-13E 9-70-08 1 Pb \$D0-12	Lab Use				Sampling	No.			
SL-13E SD0-12 SL-5013E Notes: Courier Co. Name Relinquished by: Date Time Courier Co. Name Airbill #			Field Sample		Date & Time	of		Analysis	
SDD - 12 SL - 5013 E notes: Loncol resilable de la contraction d			lo./Description			Cont.		Requested	
notes: London Mariable Land Land Land Land Land Land Land Land					9-30-08	1	Pb		
notes: Loncol reliable de la manayres V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time (6.1) Airbill #						1			
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time 16:10 Airbill #	5	L-30131	<u>- </u>		<u> </u>				
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time 16:10 Airbill #									
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time 16:10 Airbill #									
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time 16:10 Airbill #									
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time 16:10 Airbill #									
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time (6:10 Airbill #									
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time (6:10 Airbill #		······································							
V. CHAIN OF CUSTODY RECORD Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time (6:10 Airbill #	notes:	hayailah				1			1'
Dispatched by: Date Time Courier Co. Name Relinquished by: Date 9-30-08 Time 16:10 Airbill #			interessioner and second	an ana	ny ceo				
Relinquished by: Date 9-30-08 Time 16:10 Airbill #		GOOLODIINE	-COND					l	
All Dilli #	Dispatched by:				Date	Time		Courier Co. Name	
Paceived by	Relinquished by	: <u>)</u> _			Date 9-30-08	Time 16	110	Airbill #	
Date Time ICustody Seal Intact?	Received by:				Date	Time		Custody Seal Intact?	
Received for lab by: Date 9/30/08 Time 16:10 Yes No	Received for lab	by: Denis	seBru	m	Date 9/30/08		:10]	No



AMERICAN

October 13, 2008

WEST ANALYTICAL LABORATORIES

Kerry Gee

United Park City Mines Co.

PO Box 1450

Park City, UT 84060

463 West 3600 South Salt Lake City, Utah TEL: (435) 608-0954 FAX: (435) 615-1239

84115

RE: Richardson Flat

Dear Kerry Gee:

Lab Set ID: L86891

American West Analytical Labs received 2 samples on 10/9/2008 for the analyses presented in

(801) 263-8686 the formula Toll Free (888) 263-8686

Fax (801) 263-8687

e-mail: awal@awal-labs.com

the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns

regarding this report please feel free to call.

Kyle F. Gross Laboratory Director

Thank you.

Jose Rocha QA Officer

Approved b

Laboratory Director or designee

Report Date: 10/13/2008 Page 1 of 7



INORGANIC ANALYSIS REPORT

Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson Flat

WEST ANALYTICAL

LABORATORIES

AMERICAN Lab Sample ID: L86891-01A

Field Sample ID: SD-SDD-24

Collected: 10/7/2008 Received: 10/9/2008

TOTAL	METALS
--------------	---------------

Reporting Analytical Date Method Limit Results **Analytical Results** Units Analyzed Used mg/kg-dry 10/10/2008 4:46:00 PM Lead 6010B 5.6 8.7

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 10/13/2008 Page 2 of 7

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.



INORGANIC ANALYSIS REPORT

Client:

United Park City Mines Co.

Contact: Kerry Gee

Project ID: Richardson Flat

AMERICAN WEST Lab Sample ID: L86891-02A

ANALYTICAL

Field Sample ID: SD-SDD-5024

LABORATORIES

Collected: 10/7/2008 Received: 10/9/2008

TOTAL METALS

Reporting Analytical Date Method

6010B

Analytical Results

Analyzed Used Limit Results

Lead

10/10/2008 5:01:00 PM mg/kg-dry

Units

5,3

6.3

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687 e-mail: awal@awal-labs.com

> Kyle F. Gross Laboratory Director

> > Jose Rocha QA Officer

> > > Report Date: 10/13/2008 Page 3 of 7



463 West 3600 South Salt Lake City, Utah 84115 (801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Jose Rocha

QA Officer

Kyle F. Gross

Laboratory Director

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Dept: ME

Work Order:

L86891

SampType: LCS

Project:

Richardson Flat

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
LCS-42874	Lead	mg/kg	6010B	20.47	20	0.3588	101	75-125			10/10/2008

Report Date: 10/13/2008 Page 4 of 7



463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Work Order: L

L86891

Project:

Richardson Flat

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-42874	Lead	mg/kg	6010B	< 5.0				-				10/10/2008

Report Date: 10/13/2008 Page 5 of 7



463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

Project:

United Park City Mines Co.

Dept: ME

Work Order:

L86891

ci. L

Richardson Flat

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qu	alifiers	Analysis Date
L86891-01AMS	Lead	mg/kg-dry	6010B	6.231	21.92	8.656	-11.1	75-125			ı	10/10/2008

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

Report Date: 10/13/2008 Page 6 of 7



463 West 3600 South

Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687 e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross Laboratory Director

Jose Rocha QA Officer

QC SUMMARY REPORT

CLIENT:

United Park City Mines Co.

Work Order: I

L86891

Project:

Richardson Flat

Dept: ME

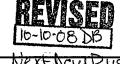
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86891-01AMS	SD Lead	mg/kg-dry	6010B	5.524	21.77	8.656	-14.4	75-125	12.0	20	1	10/10/2008

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

Report Date: 10/13/2008 Page 7 of 7

American West Analytical Labs





Work Order L86891

10-Oct-08

WORK ORDER Summary

Client ID:

UNI100

QC Level: 2+

Project:

Richardson Flat

Location:

Contact: Kerry Gee

Comments:

Next Day Rush added 10-10-08 per Dan Dean. QCLevel: 2+. E-mail two people.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86891-01A	SD-SDD-24	10/7/2008	10/9/2008	10/13/2008	Soil	3051A-ICPMS	oct 9 - metals	1
	•			10/13/2008		ICP-S	oct 9 - metals	1
				10/13/2008		PMOIST	oct 9 - metals	1
L86891-02A	SD-SDD-5024			10/13/2008		3051A-ICPMS	oct 9 - metals	1
				10/13/2008		ICP-S	oct 9 - metals	1
				10/13/2008		PMOIST	oct 9 - metals	1

American West Analytical Labs

WORK ORDER Summary

09-Oct-08

Work Order L86891

Client ID: Project:

UNI100

Richardson Flat

QC Level: 2+ Location: Hal

ICP-S

PMOIST

Contact: Kerry Gee

Comments:	QCLevel: 2+. E-mail two people.		AUSPS	\				<i>D</i> .	
Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage		
L86891-01A	SD-SDD-24	10/7/2008	10/9/2008	10/23/2008	Soil	3051A-ICPMS	oct 9 - metals	1	
				10/23/2008		ICP-S	oct 9 - metals	1	
				10/23/2008		PMOIST	oct 9 - metals	1	
L86891-02A	SD-SDD-5024			10/23/2008		3051A-ICPMS	oct 9 - metals	1	

10/23/2008

10/23/2008

Page 1 of 1

oct 9 - metals

oct 9 - metals

RMC

Laboratory Services Request Form



I. CLIENT II	NFORMATION					SEND REQUESTS TO:
Client Nan	ne:	UNITED PARK CITY MINES			an in an	American West
Client Add	ress:	PO BOX 1450 PARK CITY, U	T 84060			Analytical Laboratories
						463 W. 3600 South
Client Pho	ne:	435-608-0954	_			Salt Lake City, UT
Client Fax	•	435-615-1239	<u>-</u>			84115
II. ACCOUN	IT INFORMATI	ON				
Account N	ame:					Patrick Noteboom
Sample Q	uestion <u>s-</u>	Todd Leeds RMC- 801-255	i-2626			Phone # (801) 750-2585
	< 1	1 Next Day Rush	-			Fax (801)-263-8687
_TAT:	-31 andar	Next Day Rush a codded wo wood	_P.O. No: (<u> Cichard</u>	som Flat	
	i inolikoci ic	110 DD - 261	<u>attacked e</u>	-moul		
Report Re	sults To:	KERRY GEE- UPCM AND TO	ODD LEEDS - RI	MC FAX-25	55-3266	
Report Ad	dress:	PO BOX 1450 PARK CITY UT 84060	AND TODD LEEDS	, RMC, 8138 S	S. STATE ST., STE	2A, MIDVALE UT 84047
Please Fo	rward Results I	By: US Mail(X)	Fed Ex ()	Fax	(X) Othe	Todd@rmc-ut.com
		w are required no later than				(date)
IV. TYPE O	F SERVICE RE	EQUESTED				
Please anal	yze the enclos	ed environmental samples for:			,	
Lab Use			Sampling	No.		
Only		Field Sample	Date & Time	of		Analysis
Lab No.		No./Description		Cont.	,	Requested
		- 24	10-7-2008		6.4	
	<u>2D - 2DD</u>	- 5024	L	l		
_notes:			stilikkatistiskaskon aromenin sirinarinin minin iran occur occur occur.	etestio calabirato ana a a con con con		
V. CHAIN C	F CUSTODY F	RECORD				
Dispatched b	y:		Date	Time		Courier Co. Name
Relinquished	hv:				2417	
			Date /6 - 9 - 08	Time (3:42	Airbill #
Received by:	1	· i/\	Date	Time		Custody Seal Intact?
Received for	lab by: NOM	est Brein	Date 10-9-0	Time	13:42	Yes No

Lab Set ID:	86891	

Samples Were:			C	COC Tape Was:					Container Type:						No. Rec.		
☐ Şhipped By:				Present on Outer Package					☐ AWAL Supplied Plastic						110.100.		
☑ Hand Delivered				□ Yes ₺No □ N/A					☐ AWAL Supplied Clear Glass							··········	
1 Ambient				Unbroken on Outer package					☐ AWAL Supplied Amber Glass								
□ Chilled				□ Yes □ No ⑫/N/A					☐ AWAL Supplied VOA/TOC/TOX Vials								
Temperature 23.4 °C				Present on Sample					☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace								
Rec. Broken/Leaking □ Yes □ No □ N/A				☐ Yes ☐ NO ☐ N/A					□ Non AWAL Supplied Container						-:		
Notes:				Unbroken on Sample					Notes:								
				☐ Yes ☐ No ☐ N/A					110163.								
Properly Preserved			No	Notes:										•			
Notes:			╡```					.				v	•				
/																	
Rec. Within Hold Yes No								D	Discrepancies Between Labels and COC						☐ Yes ☐ No		
Notes:							. •		otes:								
											•						
			- .					-		AL							
									·					·			
·	····			т			· · ·		/_			_		,	,	,	
	servative	All pHs OK				ļ									<u> </u>		
	<2 H ₂ SO ₄										;				<u> </u>		
	<2 H ₂ SO ₄																
	>12 NaOH											1:	12				
	<2 HNO ₃											. :					
	<2 H ₂ SO ₄												•		İ		
	<2 H ₂ SO ₄					1.											
	<2 HCL	· · · · · · · · · · · · · · · · · · ·								1.							
	<2 H ₂ SO ₄				<u> </u>			<u>.</u>						l			
	> 9NaOH, ZnAC														İ		
	<2 H ₂ SO ₄														1		
	<2 H₃PO₄														l		
	<2 H ₂ SO ₄											·			:		
TPH pH <	<2 HCL													2 1			
								-									
										-	· .						
Procedure: 1) 2) 3) 4) 5) 6) 7)	Pour a small amoun Pour sample from Li Do Not dip the pH p If sample is not pres Flag COC and notify Place client convers Samples may be adj	d gently over wide aper in the sample erved properly list in client for further in ation on COC	range pl bottle o ts exten struction	H paper r lid sion and r	eceiving	pH in the	appropriat	e colun	nn above					-			

Denise Bruun

From:

Lynn Turner

Sent:

Friday, October 10, 2008 8:16 AM

To:

Elona Hayward; Denise Bruun; Sami Broadhead

Cc:

Rebekah Winkler; Kyle Gross

Subject:

AWAL Set # 86891 (RMC - United Park City Mines)

Dan Dean just called. He needs this on a RUSH. I told him it would probably be Monday before it would be out. Can you all make the changes? Thanks much!

American West Analytical Labs

801.263.8686

Fax 801,263,8687

www.awal-labs.com

Notice of confidentiality: This transmission is intended exclusively for the stated addressee. If received accidentally, please notify the sender immediately. Reproduction, distribution, and dissemination of this information are strictly prohibited by anyone other than the intended.